The MODULUS

1934

1934

MODULUS

GEN

ALLEN COUNTY PUBLIC LIBRARY
3 1833 01766 8432

GENEALOGY
977.202
T27RP,
1934

EX LIBRIS

THE NINETEEN
THIRTY FOUR

MODULUS

VOLUME NINETEEN

PUBLISHED BY THE STUDENTS OF
ROSE POLYTECHNIC
INSTITUTE

COPYRIGHT

1934

FRANK MANSUR

Editor in Chief

JACK H. FOULKES, Jr.

Business Manager

DEDICATION

To the makers of civilization,

To the helmsmen of man's progress,

To the counselors of industry,

To the ultimate masters of science and living,

THE ENGINEERS OF YESTERDAY
TODAY AND TOMORROW

To them this volume is dedicated.

FOREWORD

This Nineteenth Volume of the Modulus is presented as a partial record of the year of 1933-34 on the Rose campus. The memories of days recorded herein will be treasures after time has added its part.

IN MEMORIAM

ARTHUR STAFFORD HATHAWAY

1855 - 1934

Professor of Mathematics

1891 - 1920

THE BOOKS

I
ADMINISTRATION

II
CLASSES

III
ACTIVITIES

IV
ATHLETICS

V
FRATERNITIES

VI
HUMOR

Chauncey Rose

Administration

History of Rose

The founder of Rose Polytechnic Institute was one of the men that did not have the advantages of the finest in education but he used what he had to the greatest possible extent. After he had acquired a good name in the world and quite a sizable fortune, he conceived the idea along with some of his associates of making it possible for the youth to come to avail themselves of an opportunity for the best education that could be had. With such a thought in mind, Rose Polytechnic Institute was founded September 10, 1874.

Because of the complexities of matriculation and organization, it was not until March 7, 1883, that Rose Polytechnic Institute was formally opened. The location of the buildings then was at 13th and Locust Streets.

After going through the preliminary procedures of organization, a Board of Managers was formed consisting of Chauncey Rose, President, Demas Deming, Treasurer, and William K. Edwards, Secretary. The cornerstone of the main building at 13th and Locusts Streets was laid January 11, 1875. At this time, the name was changed to Rose Polytechnic Institute against the will of Chauncey Rose. The school was originally founded as "The Terre Haute School of Applied Science."

Mr. Rose resigned his office as President on June 13, 1875 because of ill health and the following August he died without having the satisfaction of seeing a class go through Rose although his confidence in his successors overcame any question of the future of the school.

On March 7, 1883, the Rose Polytechnic Institute was formally opened by an inaugural address by President Charles O. Thompson. The plans of instruction set forth by President Thompson were based upon his manifold experiences throughout the technical schools of Europe and his services as Principal of the Free Institute of Technology at Worchester, Massachusetts. It was most unfortunate that President Thompson lived only long enough to see the work get under way.

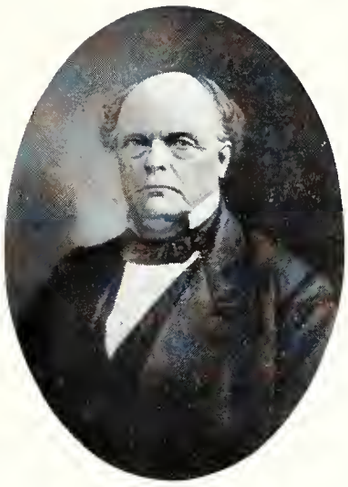
Dr. T. C. Mendenhall was elected successor to President Thompson in July, 1886, and served until 1890. Following Dr. Mendenhall Dr. T. H. Eddy served as President until 1895 when Dr. Carl Leo Mees was elected President. Dr. Mees served the school until 1919. During this time the school became one of the leading technical schools of the country and it still is one of the country's finest engineering colleges.

In 1922 the construction of the new buildings where the school is now located was finished. One hundred and twenty-three acres of land was donated by Anton and Herman Hulman for the campus.

Dr. C. H. Woodruff occupied the presidency from 1919 until 1924 when Dr. Frank C. Wagner was elected to the office. He served the school capably until his tragic death in 1928. Dr. Donald B. Prentice was elected president in 1932 and is now president of Rose Polytechnic Institute.

Although Rose Polytechnic Institute is one of the smaller schools of the country, it holds a place envied by many and is recognized as one of the leading institutions of its kind. The men who have crossed the threshold of Rose Polytechnic Institute in these 51 years of existence have left an indelible record on the sands of time and have contributed their part toward achieving the ultimate aim of all life, to make the world a better place to live in.

The donors who have made this institution possible are: Chauncey Rose, Josephus Collett, Demas Deming, Susan K. (Heminway) Francis, William S. Rea, James McGregor, Anton and Herman Hulman, the alumni, and the citizens of Terre Haute.



Chauncey Rose

Chauncey Rose was born in a small Connecticut village in 1794. He developed the attitude of self reliance early in life because he was one of a family of eight children. The brief taste of education that he obtained in common schools of that time created a yearning for education and knowledge. He did not have the opportunity to attend school anymore but his high respect for learning and his inherent ability enabled him to become a very intelligent man.

In 1817 he traveled westward looking for business opportunities. His trip covered Indiana, Illinois, Missouri, Kentucky, Tennessee, and Alabama. Terre Haute made a very favorable impression on him and he returned here in 1818. He began his business career in the lumber business. His first project was furnishing the lumber for the Parke County Courthouse. In 1825 he became engaged in trade in Terre Haute and soon became one of the town's most successful business men. He invested his profits wisely and acquired quite a large fortune. He tried his hand at farming and was most successful because he was progressive. It was largely through his influence that the railroads were induced to come to and through Terre Haute. He conducted the preliminary surveys in part of this railroad work but his advancing age prevented his going very far with the work.

Chauncey Rose died in August, 1875 and Terre Haute will never forget this mans achievements.

Dr. Donald B. Prentice

Donald Bishop Prentice was born at Hartford, Connecticut, on April 28, 1889. He graduated from the Sheffield Scientific School of Yale with a Ph.B. degree in Mechanical Engineering. For the next two years he was employed with the Briton Company of Hartford, Connecticut. He then became an assistant instructor in Mechanical Engineering at Yale and in 1914 was awarded the degree of Mechanical Engineer by Yale. In 1916, Mr. Prentice became the assistant professor of Mechanical Engineering at Lafayette College and in 1917 he was promoted to Professor of Mechanical Engineering. Four years later he was elected to the chairman of engineering and in 1924 he became the Dean of Lafayette College. In the year of 1926-27 Mr. Prentice was acting president and received the M.A. degree in Education.

Dr. Prentice came to Rose in February, 1931, as president of Rose Polytechnic Institute. In 1932 he was given the degree of LL.D. by Wabash College.

Dr. Prentice is a member of the American Society of University Professors, A.S.M.E., Society for Promotion of Engineering Education, American Academy of Political and Social Science, Yale Engineering Association, Tau Beta Pi, Blue Key, Sigma Xi, Kappa Delta Rho, Book and Bond, and Kappa Phi Kappa.

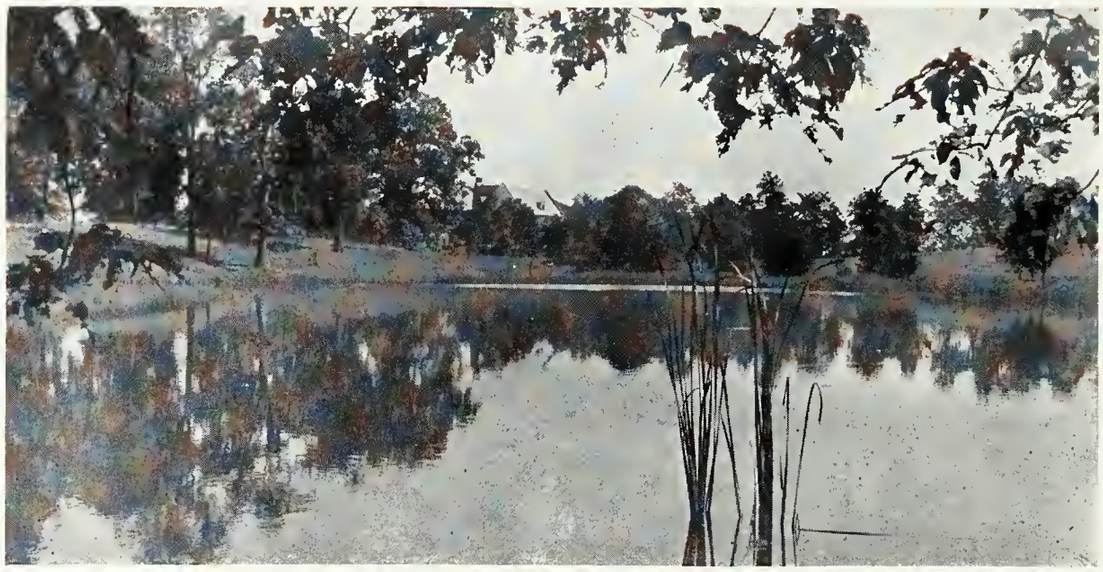
To the Class of '34

The Class of 1934 will graduate as recovery from the Great Depression apparently is well started. Records compiled by the American Society of Mechanical Engineers indicate that there is a marked advantage in commencing one's engineering career at the close of a depression. Many members of the Society who have achieved unusual success graduated from college in years when the industrial situation was extremely discouraging. The recovery period led to activity greater than any that had preceded and these men grasped the opportunities afforded by the increase in manufacturing and construction and the expansion of research programs.

We feel confident that the Class of 1934 will have similar opportunities and we know that among its members are many whose names will stand for leadership in their profession when the records of 1954 are compiled.

In the achievement of this success the faculty and students of Rose wish the members of 1934 all happiness and the satisfaction of accomplishment. We shall miss you from the campus and the class room; but we shall know that you are carrying the reputation of Rose throughout the world of engineers and in your turn adding to the respect which the alumni of your college have won.

D. B. Prentice



Mathematics

The mere mention of the term "Mathematics" to many students is a discomfort but such is not true with the engineer. There is no question but what mathematics is the cornerstone of a successful engineering education.

Algebra with all of its intricacies and complications is a tool more powerful than most men are able to use to the fullest advantage. Calculus has to its credit the development of more formulaes and theories than any of the sciences could ever claim. The fundamental basis of modern civilization, "time," is possible cnly because of highly precise mathematical methods of determining the same thing in the same way with the same accuracy any number of times. Human life entrusts itself to the intregrity and fidelity of mathematical calculations for design. Mathematics is not merely a drudge to be mastered merely as an aggregation of facts but a live science of fundamental relations and mans most powerful tool.

Dr. Clarence P. Sousley

Professor of Mathematics.

Bachelor of Arts, 1909, Kentucky Wesleyan College

Master of Arts, 1909, Kentucky Wesleyan College

Doctor of Philosophy, 1915, John Hopkins University

Member of the Mathematical Association of America,

American Association of University Professors, Gamma Alpha.

The Library

The library of Rose Polytechnic Institute is quite unique from the average college library but this is only natural for the demands of a technical student are far different from those of the ordinary student. To be able to know where to find the desired information is fully as important as having a large amount of information readily available. The frequent use of the library as is encouraged by frequent reference work develops the ability to survey a large amount of material and select that which is most usable. The library is not always the scene of drudgery that one might expect but there are times when the gatherings around the tables are most sociable and it is hard to even attempt to guess what the topic of conversation might be.

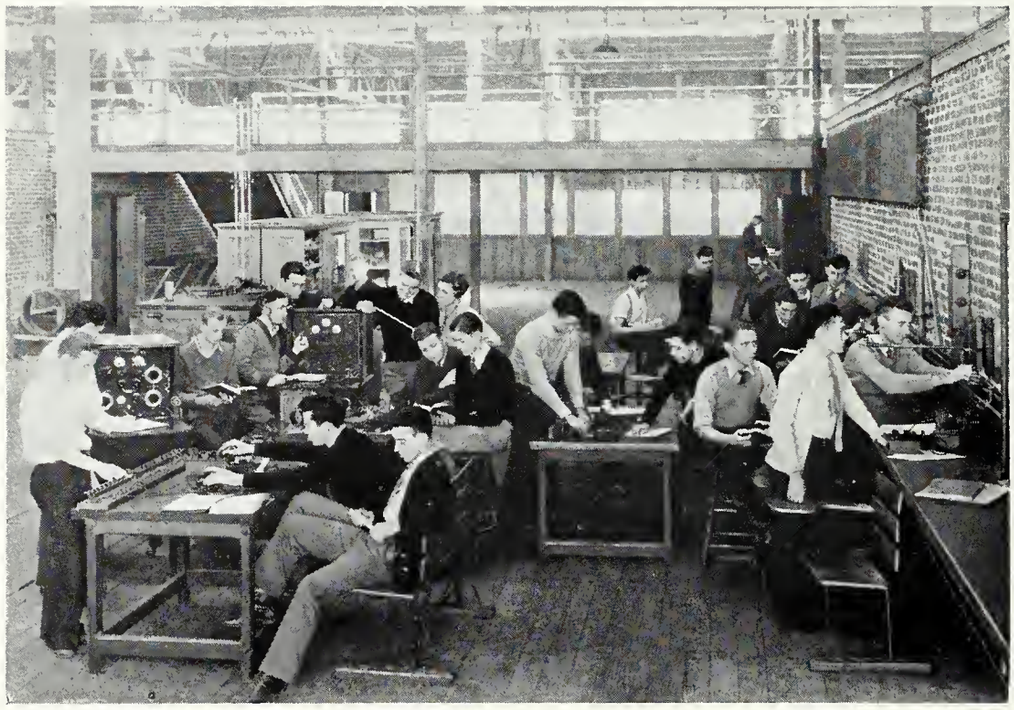
ALBERT A. FAUROT

Librarian and Professor of Modern Languages.

Bachelor of Languages, 1891, University of Nebraska

Master of Arts, 1895, University of Nebraska

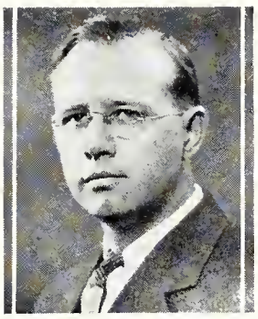
Life member of the Modern Language Association and the American Red Cross. Member of the American Academy of Political and Social Science, American Association of University Professors, Phi Beta Kappa.



Physics

The realm of physics is almost unlimited as physics play an important part in every phase of life and industry. Those days that were spent struggling through the formulaes of mechanics and dynamics were not wasted at all as many seemed to think when the courses were being taken. Applications of the fundamentals learned in the physics courses have proven themselves useful many times over to the upperclassmen.

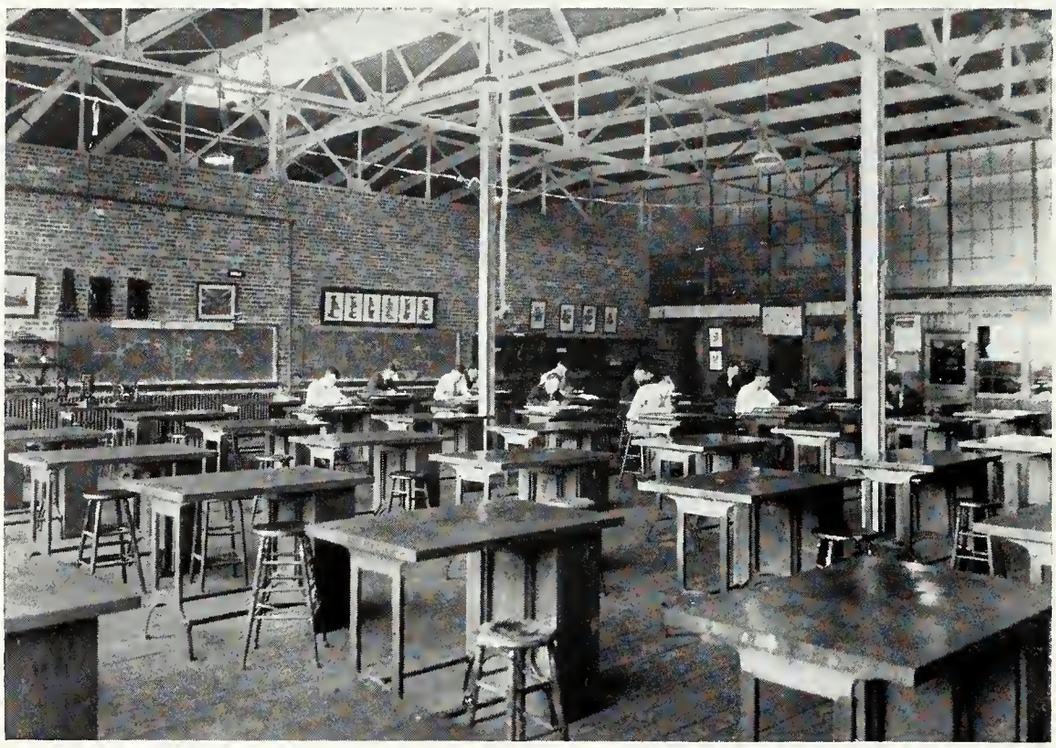
The wonders in the realm of physics are probably more illustrious in the Optics studies. Few persons if any have any conception of what a complicated process seeing really is. The physics courses are truly typical of an engineering education. The intricacies are traced back to simple fundamentals yet the ultimate results are beyond the scope of even the most highly educated.



BERTON ARTHUR HOWLETT

Professor of Physics

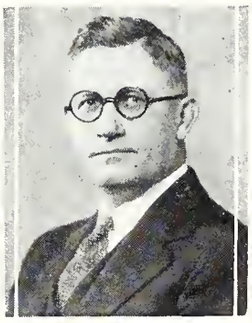
Bachelor of Science, 1913, Valparaiso University
Bachelor of Arts, 1914, Valparaiso University
Master of Science, 1917, University of Chicago
Doctor of Philosophy, 1924, Indiana University
Member of the American Physical Society,
American Optical Society,
Association of American Physics Teachers,
American Association for the Advancement of Science,
American Association of University Professors,
Fellow of the Indiana Academy of Science,
Phi Beta Kappa and Sigma Xi.



Drawing

It is essential that an engineer not only be able to develop ideas but that he be able to record them in a tangible manner and one that can be readily understood by others. Unquestionably, the easiest way to do this is to make drawings showing just what the idea is. To the uninitiated, Mechanical Drawing appears surprisingly simple but it requires a great deal of skillful training and careful practice to produce those fine looking drawings used in engineering.

The theory of drawing illustrated by descriptive geometry is a very important part of the engineers training. It is the opinion of many educators that the ability to visualize the problems of descriptive geometry is a test of whether or not a student is qualified to be an engineer.



ORION L. STOCK

Professor of Drawing and Descriptive Geometry

Bachelor of Science in Civil Engineering, 1908, Rose Polytechnic Institute
Bachelor of Science in Architecture, 1912, Rose Polytechnic Institute
Master of Science, 1914, Rose Polytechnic Institute
Member of the American Association of University Professors,
Society for the Promotion of Engineering Education,
Indiana Academy of Science,
Theta Kappa Nu, and Tau Beta Pi.

Military

Military has been well established at Rose for several years and the Rose unit has always been of very high caliber. There is no other unit in the entire army as vital as the engineers unit because on this unit lies the burden of accomplishing the desired means. They have to devise their own ways of achieving the results but the results must be achieved.

The discipline instilled into a man by military training is not easily substituted for and the intensive training offered in the R.O.T. C. unit is valuable in this respect.

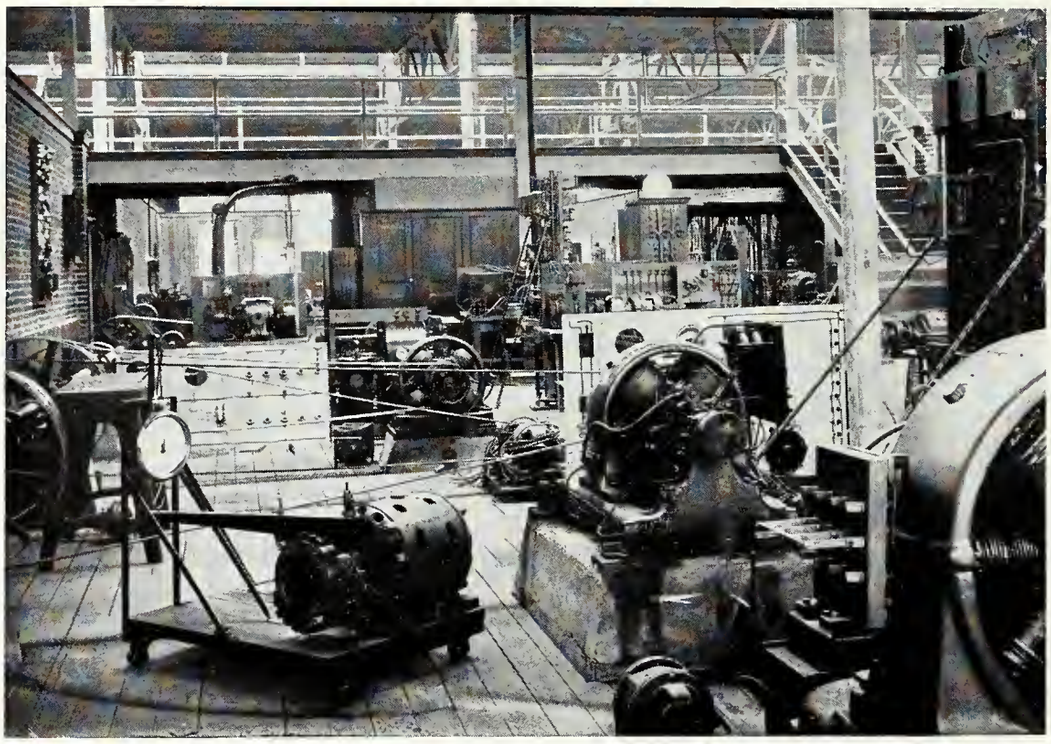
The annual inspection and combat problem given by the unit every Spring attracts many visitors from neighboring localities. The Rose campus is transformed into a battlefield and the war is on. The actual execution of combat problems develops an interest that is most intense and the students put forth a very much more sincere effort than could ever be attained in any classroom. The Military Band offers a chance for the students with musical tastes to do their part.

Captain Joseph Stevenson

Professor of Military Science and Tactics

Captain, Corps of Engineers, United States Army

Member of Tau Nu Tau.



Electrical Engineering

No other one field has grown in such tremendous strides as has Electrical Engineering. The Electrical Engineer of today has to be very widely educated in the affiliated engineering fields because the applications of the electrical industry are so manifold and ther is hardly a field where electricity does not play a part. The recent development of home appliances have created a new field for the electrical engineer and the scope of household engineering is still very limited compared to what it will be. There is little question but what electrical power will supersede nearly every other source and every man in the engineering field will have to have a knowledge of electricity.

Professor Clarence C. Knipmeyer

Professor of Electrical Engineering

Bachelor of Science, 1907, University of Michigan
Member of the American Institute of Electrical Engineers,
Society for the Promotion of Engineering Education,
American Association of University Professors,
American Association for the Advancement of Science,
Sigma Xi.

Mechanical Engineering

The machine age has created demands for masters of machines to design, construct, and control these wonderful devices. The Mechanical Engineer is very important in modern life because no piece of machinery is built or ever was built that does not involve the principles that form the basis of a Mechanical Engineers knowledge.

The Josephus Collett Chair of Dynamic Engineering was made possible through the bequests of Josephus Collett.

PROFESSOR CARL WISCHMEYER

Secretary of the Faculty

Professor of Mechanical Engineering

Bachelor of Science, 1906, Rose Polytechnic Institute

Master of Science, 1910, Rose Polytechnic Institute

Mechanical Engineer, 1920, Rose Polytechnic Institute.

Member of the American Society of Mechanical Engineers,

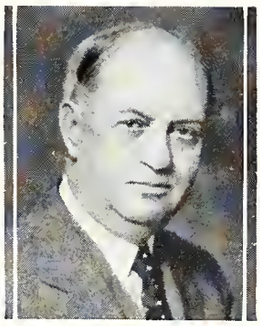
American Association of University Professors,

Society for Promotion of Engineering Education,

Tau Beta Pi, Alpha Tau Omega.

Civil Engineering

The housing and transportation of modern industry and civilization along with all of its complexities is the problem that Civil Engineering has to cope with. There is an abundance of evidence of their progress by the roads, sewer projects, water projects, and buildings. To be sure, the Civils share the credit of the buildings with the Architects but the work of the Civil Engineer in any construction project is indispensable. The Civil Engineers deal with more massive things and projects than any of the engineers in other fields but there exists an unseverable tie between all of the engineering professions that would mean disaster to render.



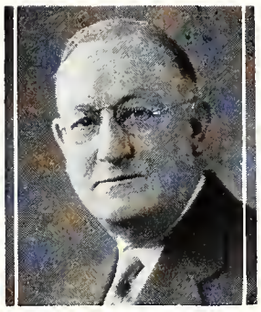
Professor Robert L. McCormick

Professor of Civil Engineering

Bachelor of Science, 1891, Rose Polytechnic Institute.
Master of Science, 1906, Rose Polytechnic Institute.
Civil Engineer, 1907, Rose Polytechnic Institute.
Member of the American Society of Civil Engineers,
American Association of University Professors,
Society for Promotion of Engineering Education,
Indiana Engineering Society.

Chemical Engineering

It is even more true of Chemical Engineering than any of the other fields of engineering that there is no phase of life that is not affected by Chemical Engineering in one of its numerous forms. If all of the contributions to the progress of civilization could be gathered together into one survey, it is doubtful if any one field could claim more of these achievements than Chemical Engineering. Although there is always a tendency to stay away from the Chemistry Laboratory because of the abundance of prevailing odors, it is a place of great value to the engineer.



Dr. John White

Vice President of the Faculty

Professor of Chemical Engineering

Bachelor of Arts, 1888, John Hopkins University.

Master of Arts, 1891, John Hopkins University.

Doctor of Philosophy, 1891, John Hopkins University.

Fellow American Association Advancement of Science,

American Chemical Society,

American Association of University Professors,

Society for Promotion of Engineering Education,

Indiana Academy of Science,

American Association of Education,

Sigma Xi, Alpha Chi Sigma, Beta Theta Pi.

BENJAMIN PINE

Bursar

B.S. 1903 Rose

Alpha Tau Omega

MARY GILBERT

Registrar

HELEN MAHLEY

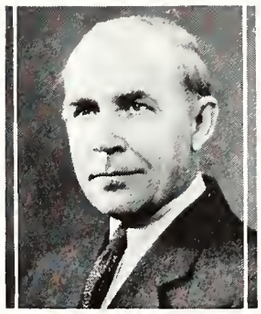
Secretary to the President

B.A. Wellesley College

Phi Beta Kappa.

HELEN ROEDEL

Assistant Librarian



ALFRED T. CHILD

Associate Professor of Chemical Engineering

A.B., Amherst College, 1898,
A.M., Columbia University, 1900.
American Chemical Society,
Alpha Chi Sigma, Delta Upsilon,
Indiana Academy of Science.

ROLAND ELLIS HUTCHINS

Associate Professor of Civil Engineering

Sc.B., Brown University, 1910,
A.S.C.E., American Association of University Professors,
Sigma Xi, Phi Gamma Delta.

HERMAN A. MOENCH

Instructor in Electrical Engineering

B.S., Rose, 1929,
Tau Beta Pi, A. I. E. E.,
Institute of Radio Engineers,
American Association of University Professors.

PAUL G. HOEL

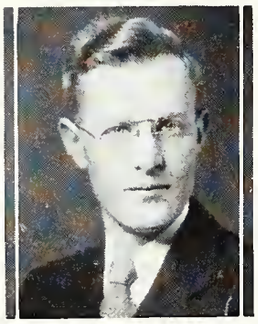
Instructor in Mathematics

B.A., Luther College, 1926,
M.A., University of Minnesota, 1929,
Ph.D., University of Minnesota, 1933,
American Mathematical Society,
American Association of University Professors.

HENRY C. GRAY

Instructor in Machine Design

B.S., Rose 1917,
Tau Beta Pi, A. S. M. E.,
American Association of University Professors,



JOHN L. BLOXSOME

Instructor in English and History

A.B., DePauw University, 1927,
American Association of University Professors,
National Council of Teachers of English,
Indiana Teachers of Speech,
American Academy of Political and Social Science,
Delta Upsilon.

EDWIN WADE MANN

Instructor in Chemistry

B.Ch.E., Ohio State University, 1918,
M.S., Ohio State University, 1933,
American Association of University Professors,
Alpha Chi Sigma, Sigma Xi.

HARVE N. CHINN

Instructor in Civil Engineering and Mathematics

B.S., Rose, 1923,
Tau Beta Pi,
American Association of University Professors,
Society for the Promotion of Engineering Education.

THEODORE A. HUNTER

Instructor in Physics

B.S., University of Iowa, 1923,
M.S., University of Iowa, 1924,
E.E., University of Iowa, 1931,
American Physical Society,
Institute of Radio Engineers,
American Association for Advancement of Science,
American Association of University Professors,
Sigma Xi, Kappa Eta Kappa.

PHIL C. BROWN

Director of Athletics

A.B., Butler University, 1923,
Phi Delta Theta.

GEORGE W. GREENLEAF

Assistant Professor of Shop Management

Superintendent of Buildings and Grounds.

SYLVESTER KEARNS

Warrant Officer, U. S. A.

Instructor in Miliary Science and Tactics

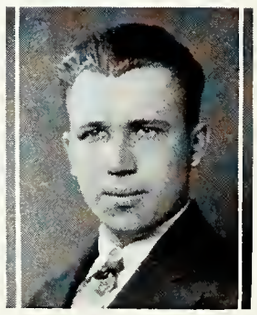
Tau Nu Tau,
Fifth District Reserve Officers Association.

OSCAR L. RICHMOND

Instructor in Pattern Making

F. W. MOONEY

Instructor in Foundry and Machine Practice



MARVIN E. HANSEL

Assistant in Shop Practice

PHILIP R. GARGES

1st Lieutenant C. E. Corps of Engineers

U. S. Military Academy, 1924,
C.E. Cornell University, 1926,
Tau Nu Tau.

Committees of the Faculty

Admissions and Probation

Professors Prentice, White and Miss Gilbert

Athletics

Professors Hutchins, Sousley, Wischmeyer and
Messrs. Brown and Pine

Attendance

Professors Stock, Howlett and Bloxsome and Mr. Moench

Curriculum

Professors White, McCormick, Knipmeyer, and Wischmeyer

Discipline

Professors White, McCormick, Knipmeyer, and Wischmeyer

Graduate Degrees

Professors Howlett and Wischmeyer and Mr. Chinn

Library

Professors Faurot, White and Bloxsome

Rules

Professors Stock, Faurot, and Sousley, and Mr. Mann

Schedule

Professors Wischmeyer, White and Stock

Scholarships and Loans

Professors Faurot and White and Miss Gilbert

Advisers for Student Organizations

The Technic ..... Professor Faurot
The Band ..... Captain Stevenson
Camera Club ..... Mr. Gray
Glee Club ..... Professor Child
Rifle Club ..... Lieutenant Garges
Radio Club ..... Professor Howlett
Branch A. I. E. E. ..... Professor Knipmeyer
Branch A. S. C. E. ..... Professor McCormick
Branch A. S. M. E. ..... Mr. Gray
Modulus ..... Professor Stock
Debate Club ..... Professor Bloxsome

Student Advisers

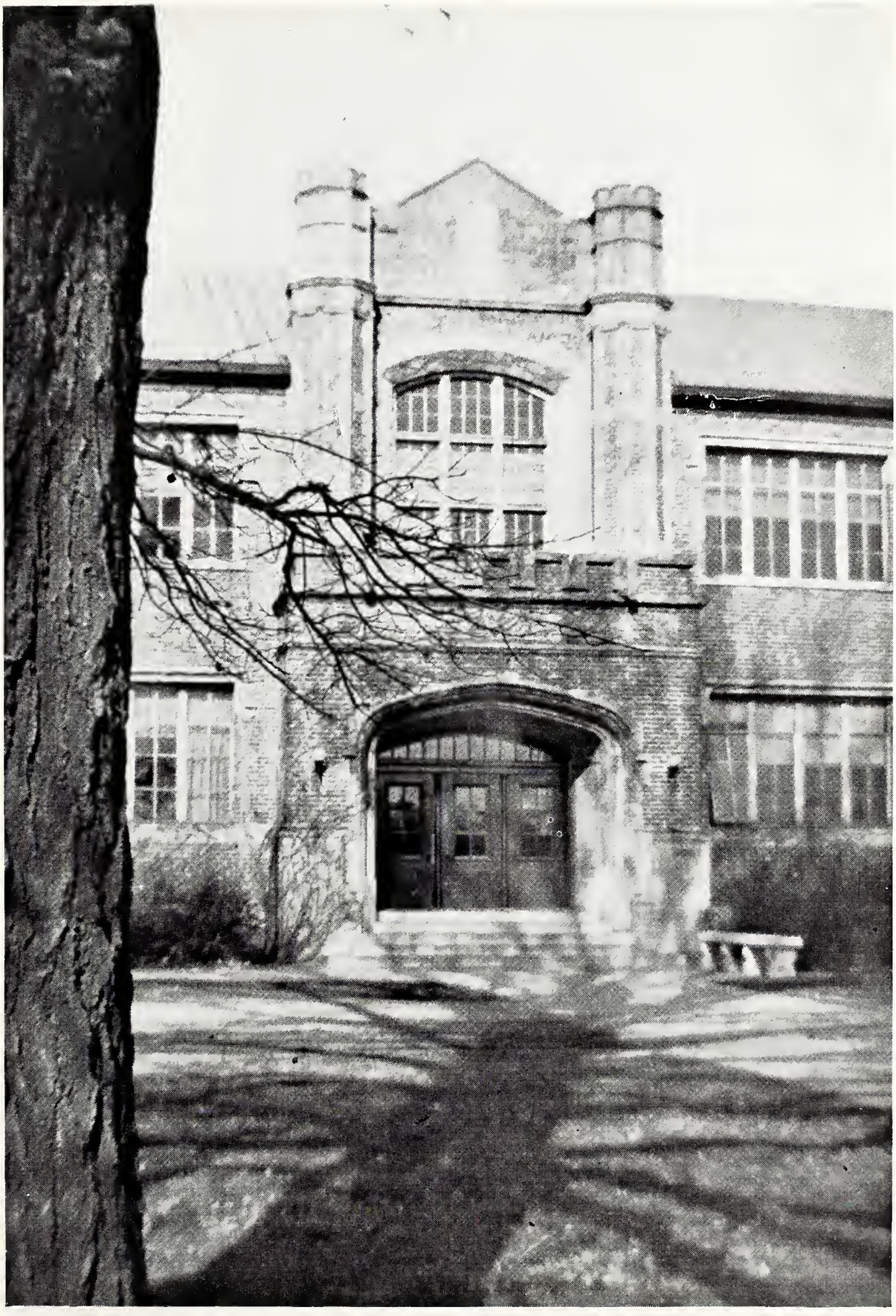
Chemical Engineering:
Class of 1934 ..... Dr. White
Class of 1935 ..... Professor Child
Class of 1936 ..... Mr. Mann

Civil Engineering:
Class of 1934 ..... Professor McCormick
Class of 1935 ..... Professor Hutchins
Class of 1936 ..... Mr. Chinn

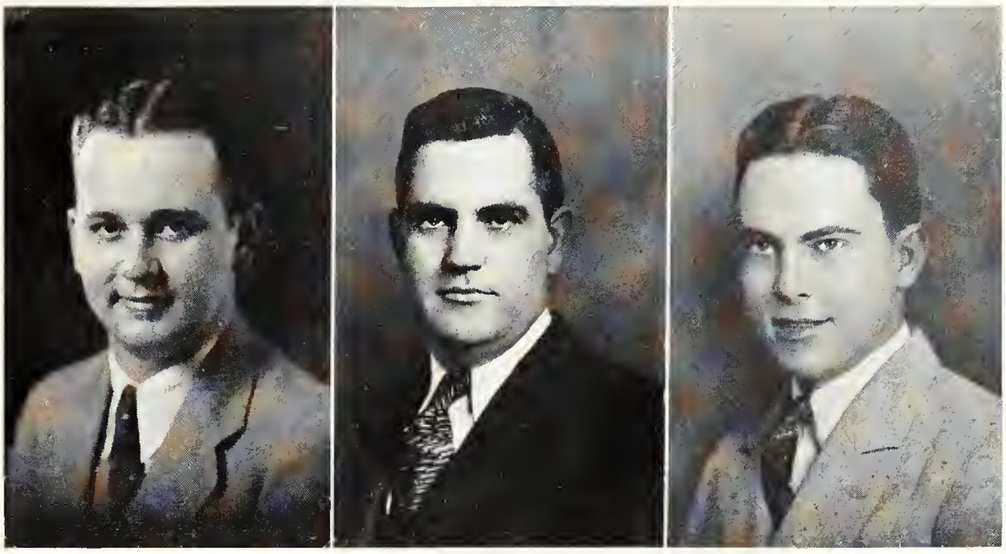
Electrical Engineering:
Class of 1934 ..... Professor Knipmeyer
Class of 1935 ..... Mr. Moench
Class of 1936 ..... Mr. Hunter

Mechanical Engineering:
Class of 1934 ..... Professor Wischmeyer
Class of 1935 ..... Dr. Howlett
Class of 1936 ..... Mr. Gray

Freshman Class:
Professors Stock, Sousley and Bloxsome and Mr. Hoel.



Classes



The Class of 1934

One September day, four years ago, a crowd of boys entered Rose in the embryonic stage of their development to be slowly transformed into engineers—to be changed from youth to manhood by the guiding hands of those who have led to success so many of our predecessors.

In our brief stay at Rose we have been particularly fortunate in participating in some of the traditional activities that probably no class in time to come will witness. Such events as the class scrap, the tug-o-war, the soph football game, the junior banquet, and the senior picnic will long linger in our memories after triple intergration and Young's Modulus are forgotten.

As we go on to complete our metamorphosis—to struggle in our various fields of endeavor—to carry on the good work of those who have gone before us—to achieve our goal in the name of Rose—we hope to thus show our gratitude and appreciation to that illustrious and distinguished group of men who have given us our start, our teachers.

And now, when we are leaving Rose, we shall not say farwell, nor even good-bye, because we know we shall always have her with us in our minds. So in closing we say "Thanks for the lift, old pal."

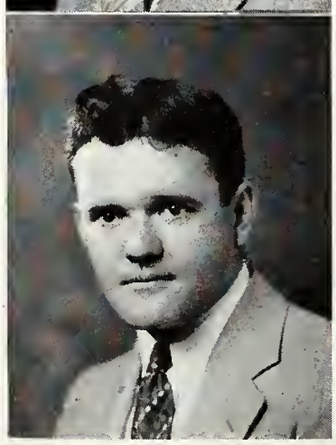
President ..... JOHN H. KELLER

Vice-President ..... PAUL SMITH

Secretary and Treasurer ..... JACK FOULKES

SENIORS

Electricals



RUSSELL E. ARCHER, *Electrical*

Garfield High School, Terre Haute, Indiana
Terre Haute, Indiana
Theta Kappa Nu, A. I. E. E., President Rose Radio Club 4, Sec.-Treas. Radio Club 3, V.-Pres. Radio Club 2, Student Council 4, Interfraternity Council 4, Chairman Rose Show Reception Committee 4, Chairman Rose Show 4, Radio Club 1-2-3-4, Camera Club 3-4, Rifle Club 1-2.

HENRY FICK, JR., *Electrical*

Garfield High School, Terre Haute, Indiana
Terre Haute, Indiana
Theta Kappa Nu, A. I. E. E., Technic Staff 2, Band 1-2, Lighting Committee Rose Show 4, Radio Club 3-4, Camera Club 4, Rea Scholarship 1-2.

JOHN BABILLUS, *Electrical*

Posey Township High School, Staunton, Indiana
Staunton, Indiana
Tau Nu Tau, A. I. E. E., Chairman Rose Show Physics Department 4, Camera Club, Radio Club.

RICHARD C. HORNUNG, *Electrical*

Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
A. I. E. E. 3-4, Radio Club 3-4.

HOWARD C. BARNES, *Electrical*

Gerstmeyer Technical High School, Terre Haute, Indiana
Terre Haute, Indiana
Tau Beta Pi, A. I. E. E., Committee Rose Show 2, Junior Honors, Scholarship 1-4.

BRENT C. JACOB, JR., *Electrical*

Glenville High School, Cleveland, Ohio
Cleveland, Ohio
Sigma Nu, Tau Beta Pi, A. I. E. E., Class President 1, Technic Staff 2-3, Modulus Staff 3, Recording Sec. Student Council 1, Band 1-2, Chairman Rose Show 4, Manager Glee Club 4, Interfraternity Council 4, Rifle Club 1, Radio Club 3-4, Glee Club 3-4, Scholarship 1-2-4, Honor Man 4.

JOHN A. DOYLE, *Electrical*

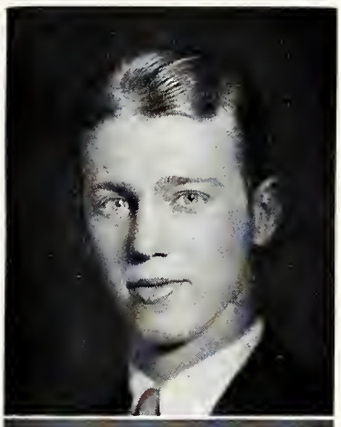
Brazil High School, Brazil, Indiana
Brazil, Indiana
A. I. E. E., Radio Club, Rifle Club.

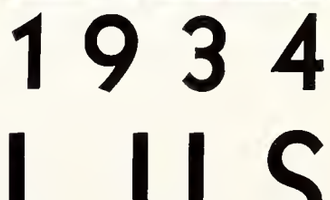
HARLAN C. JOHNSON, *Electrical*

Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
Indiana Central College, Summer 1933 A. I. E. E. 3-4
Camera Club 1, Rifle Club 1-2, Radio Club 3-4.

SENIORS

Electricals





MARSHALL C. POWELL, *Electrical*

Central High School, Evansville, Indiana
Evansville, Indiana
Theta Kappa Nu, A. I. E. E., Track 1-2, Rifle Club 1-2, Radio Club 1-2.

W. CLIFFORD LAMB, JR., *Electrical*

Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Tau Omega, A. I. E. E. 4, Radio Club 1-2-3.

HOWARD A. STADERMAN, *Electrical*

Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
Blue Key, A. I. E. E., Pres. Radio Club 3, Pres. Camera Club 4, Student Council 3-4, Modulus 4, Chairman Rose Show 4, Radio Club 1-2-3-4, Camera Club 1-2-3-4, Rifle Club 1-2, Debate Club 3, Rose Honor Man 3.

ERNEST C. LEITZMAN, *Electrical*

Martinsville Community High School, Martinsville, Illinois
Terre Haute, Indiana

MAURICE TUCKER, *Electrical*

Soldan High School, St. Louis, Missouri
St. Louis, Missouri
Tau Beta Pi, A. I. E. E. 3-4, Modulus 2, Power Committee Rose Show 4, Camera Club 1, Debate Club 3, Radio Club 3, McGregor Scholarship 3-4, Honorable Mention 3.

LYLE R. MAEHLING, *Electrical*

Garfield High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Tau Omega, A. I. E. E., Football 2-4, Radio Club 3-4, Rifle Club 1-2, Camera Club 3-4, Glee Club 4, Major R 4.

NORMAN E. WATSON, *Electrical*

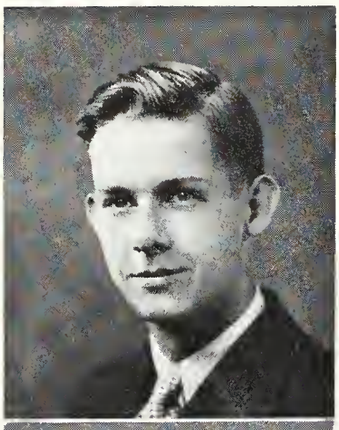
Hillsdale High School, Hillsdale, Indiana
Hillsdale, Indiana
A. I. E. E. 3-4, Sign Chairman Rose Show 4
Camera Club 4, Rifle Club 1-2.

FRANK MANSUR, *Electrical*

Santa Ana Polytechnic High School, Santa Ana, California
Santa Ana, California
Santa Ana Junior College 1929-30, 1930-31
Alpha Tau Omega, Blue Key, A. I. E. E., Chairman A. I. E. E. 4, Student Council 4, Assistant Editor Modulus 3, Editor-in-chief Modulus 4, Program Committee Rose Show 4, Rose Show Poster 2, Debate 3, St. Pat's Committee 4, Vice President Camera Club 4, Radio Club 3-4, Camera Club 2-3-4, Debate Club 3, Honor Man 4.

SENIORS

Mechanicals

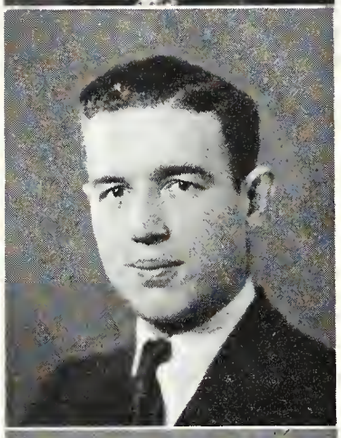


GENE A. ZWERNER, *Electrical*

Garfield High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Tau Omega, A. I. E. E.
Modulus 2-3-4, Chairman Senior Social Committee.
Rifle Club 1-2, Radio Club 3-4.

PAUL F. FROEB, *Mechanical*

Wiley High School, Terre Haute, Indiana
Graduate Rose 1932
Theta Kappa Nu, Tau Beta Pi, A. S. M. E.
Terre Haute, Indiana



ANTHONY J. BURGERT, *Mechanical*

Garfield High School, Terre Haute, Indiana
Terre Haute, Indiana
A. S. M. E. 3-4, Radio Club 3-4.

F. J. LANDENBERGER, *Mechanical*

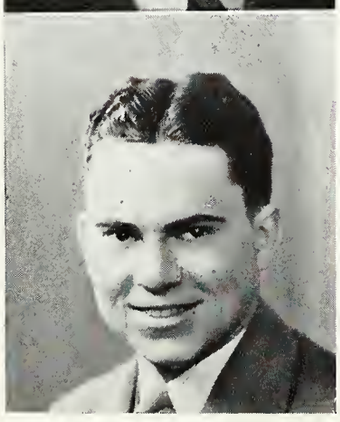
Olney Township High School, Olney, Illinois
Olney, Illinois
Sigma Nu, Blue Key, Tau Nu Tau, A. S. M. E., Class Sec. 2, Modulus 3-4, Football 1-2-3-4, Captain Football 4, Pres. Athletic Board 4, Student Council 4, R. O. T. C., Chairman Rose Show 4, Chairman St. Pat's 4, Honor Man 4, All State Football Team.

RUFUS DANNER, JR., *Mechanical*

Indiana State High School, Terre Haute, Indiana
West Terre Haute, Indiana
A. S. M. E., Tau Nu Tau, Rifle Club 2-3.

HERBERT MCANICH, *Mechanical*

Indianapolis, Indiana
A. S. M. E.



JACK H. FOULKES, JR., *Mechanical*

Indiana State High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Tau Omega, Blue Key, A. S. M. E.
Football Manager 1-2, Technic 2-3, Modulus 1-3, Rose Show Chairman 2-4, Class Sec'y.-Treas. 1-4, Athletic Association Member 2-3, Intrafraternity Council 4, Sec.-Treas. of Interfraternity Council, Vice-Pres. of Blue Key, Glee Club 4, Rifle Club 1.
Blue Key, Technic, Modulus, Rose Honor Key.

H. L. MCGURK, JR., *Mechanical*

Garfield High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Tau Omega, Tau Beta Pi, Tau Nu Tau, Blue Key, A. S. M. E., Football Manager, Technic 3, Modulus 2, V.-Pres. Class 2-3, Publicity Chairman, Departmental Chairman, Rose Show 4, Debate Club 3-4, Honor Key 3.

SENIORS

Mechanicals

ROLAND W. UPDIKE, *Mechanical*
Arsenal Technical High School, Indianapolis, Indiana
Indianapolis, Indiana
A. S. M. E. 3-4, Football 3, Camera Club 3.

JAMES I. MASON, *Mechanical*
Glenn High School, Terre Haute, Indiana
Seelyville, Indiana
Tau Beta Pi, Tau Nu Tau, A. S. M. E. 3-4,
Chairman A. S. M. E. 4, National Sec. Tau Nu Tau
Rifle Club 1-2-3-4, Camera Club 4.

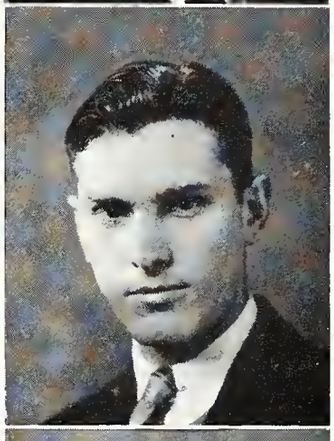
JOHN A. WILSON, *Mechanical*
Garfield High School, Terre Haute, Indiana
Terre Haute, Indiana
A. S. M. E. 3-4, Rifle Club 1-2, Radio Club 3-4,
Camera Club 3-4.

JOHN A. RITTER, *Mechanical*
Bosse High School, Evansville, Indiana
Evansville, Indiana
Sigma Nu, Tau Beta Pi, Blue Key, A. S. M. E., Financial
Sec. Student Council 3-4, Technic Staff 3-4, Class Sec.-
Treas. 3, Chairman Rose Show 2, V.-Pres. Tau Beta Pi 4,
Chairman St. Pat's, Glee Club 2-3-4, Honor Man 3-4,
Honorable Mentions.

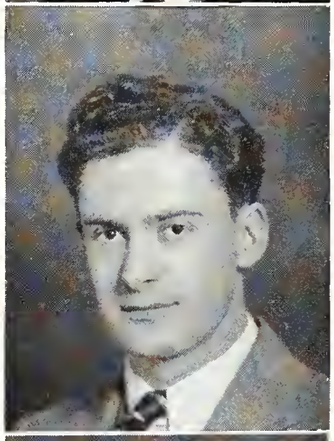
W. WHITNEY YOST, *Mechanical*
Gerstmeyer Technical High School, Terre Haute, Indiana
Terre Haute, Indiana
Indiana State College 1929-30, A. S. M. E. 3-4
Camera Club 3-4, Radio Club 1-2-3-4, Rifle Club 1-2.

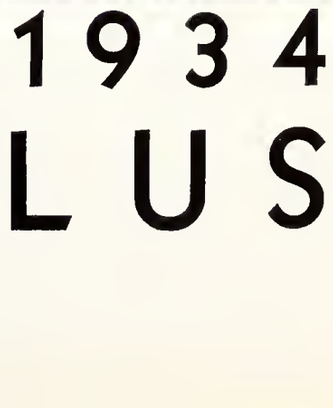
GEORGE F. STARK, *Mechanical*
Gerstmeyer Technical High School, Terre Haute, Indiana
Terre Haute, Indiana
Tau Nu Tau, A. S. M. E., Pres. Rifle Club 4, V.-Pres.
A. S. M. E. 4, Chairman St. Pat's Committee 4, National
V.-Pres. Tau Nu Tau 4, Commencement Committee,
V.-Pres. Student Council 4, Rifle Team 1-2-3-4, Camera
Club 1-2, Baseball 1-2-3-4, R. O. T. C. Captain

WILLIAM A. BELSTROM, *Civil*
Negaunee High School, Negaunee, Michigan
Negaunee, Michigan
North State Teachers College, Marquette, Michigan, 1928
Sigma Nu, A. S. C. E. 2-3-4, Pres. Student Council 4,
Pres. Glee Club 4, Handbook 4, Basketball 1, Chairman
St. Pat's Committee 4, Chairman Rose Show 4, Glee
Club 1-3-4, Athletic Association 2.



ARTHUR W. TUEMLER, *Mechanical*
Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Tau Omega, A. S. M. E. 3-4, Glee Club 4,
Rifle Club 1-3, Band 1-2-3.





SENIORS

Civils

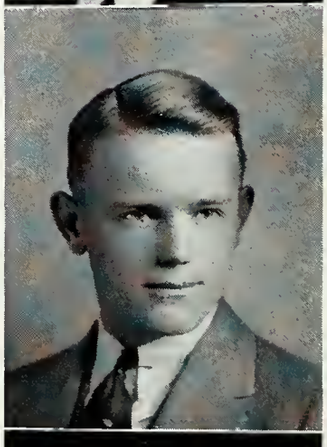
ELVIN L. EVERETT, *Civil*
Garfield High School, Terre Haute, Indiana
Terre Haute, Indiana
A. S. C. E.

JOHN H. KELLER, *Civil*
Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Tau Omega, Tau Beta Pi, Tau Nu Tau, A. S. C. E., Student Council 4, Technic Staff 3-4, President Class 4, Dance Committee St Pat's 4, Chairman Executive Committee Rose Show 4, R. O. T. C., Pres. A. S. C. E. 4, Rifle Club 3-4, Camera Club 3-4, Rose Honor Man 4.

ALBERT GOWANS MORRISON, *Civil*
Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Tau Omega, Tau Nu Tau, A. S. C. E., Modulus Staff 3-4, R. O. T. C., Class Scrap Captain 1, Letter Man, Basketball 1-2, Football 2-3, Athletic Association 4, Debate Club 2-3, Rifle Club 3, Camera Club 3, Honor Man 3.

J. R. MOTZ, *Civil*
Schenley High School, Pittsburgh, Pennsylvania
Terre Haute, Indiana
Tau Beta Pi, Blue Key, Tau Nu Tau, A. S. C. E., Technic Staff 2-3-4, R. O. T. C., Business Manager Technic 3-4, Pres. Tau Nu Tau 4, Cadet Major R. O. T. C. 4, Student Handbook 3, Social Committee 4, Rifle Club 3-4, Sec'y.-Treas. Rifle Club 4, Rec. Sec'y. TBII 4, Rea Scholarship 1-2-3-4, Honorable Mention 1-2-3, Honor Man 3.

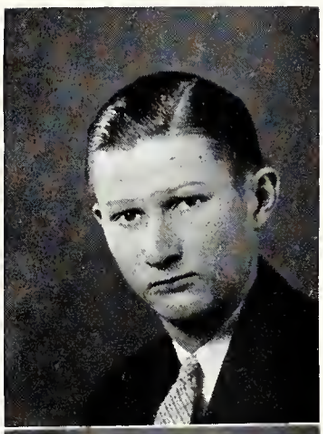
NOBLE C. BLAIR, *Civil and Architectural*
Louisville Male High School, Louisville, Kentucky
Louisville, Kentucky
Speed Scientific School, University of Louisville, 1928-29
Alpha Tau Omega, Tau Nu Tau, A. S. C. E.
Modulus 3-4, President Dormitory, R. O. T. C. Cadet Captain, Camera Club.



1934
MODULUS

SENIORS

Chemicals



JAMES G. BROWN, *Chemical*

Indiana State Training High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Tau Omega, Blue Key, Tau Beta Pi, Student Handbook Assistant Editor 1, Rose Technic Assistant Editor 2, Editor 3, General Manager 4, Intramural Baseball 3, Student Council 4, Rose Show Chairman 2-4, Glee Club 4, Rea Scholarship 1-2-3-4, Heminway Medal 1, Class Honors 1-2-3, Honor Man 3-4.

WARD W. ENGLE, *Architectural*

Arsenal Technical Schools, Indianapolis, Indiana
Bloomingdale, Indiana
A. S. C. E., Rifle Club 1-2-3-4, Co-winner Tennis Doubles 3, Runner-up Tennis Singles 3.

STEPHEN P. CAULEY, *Chemical*

Robinson High School, Robinson, Illinois
Robinson, Illinois
Sigma Nu, Tau Nu Tau, Alpha Chi Sigma, Football 3-4, Intramural 3-4, Rifle Club 1-2.

JOHN R. MATTINGLY, *Architectural*

Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
Sigma Nu, A. S. C. E., Band 1-2-3, Modulus 3-4, Rifle Club 4.

HENRY H. DOUGLAS, *Chemical*

Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
Alpha Chi Sigma, Tau Nu Tau, Class President 2, Decorations Chairman Rose Show 4, R. O. T. C., Rea Scholarship 1-2.

JACK NEWSON, *Architectural*

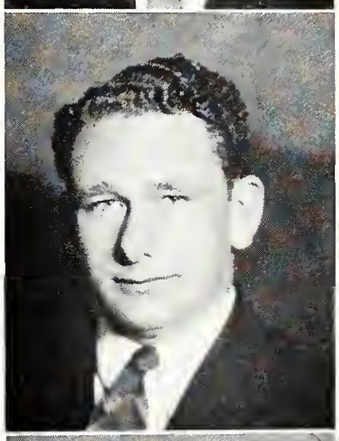
Worthington High School, Worthington, Indiana
Worthington, Indiana
A. S. C. E., Football 4, Band 1-2.

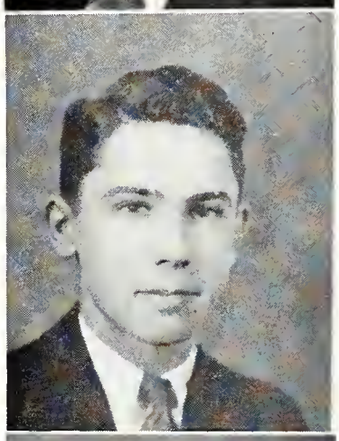
EDWARD N. KETCHUM, *Chemical*

Paris High School, Paris, Illinois
Paris, Illinois
Illinois Wesleyan University 1928-29, 1929-30, Phi Gamma Delta, Alpha Chi Sigma, Cheer Leader 4, Rose Show 4, Debate Club 3.

WILLIS S. BIGGS, *Chemical*

Clinton High School, Clinton, Indiana
Clinton, Indiana
Theta Kappa Nu, Tau Nu Tau, Alpha Chi Sigma Modulus Staff 3-4, Interfraternity Council 1-3-4, R. O. T. C., Glee Club 1-2-3-4, Rifle Club 1-2-4, Band 1.





SENIORS

Chemicals

ROBERT C. LARSH, *Chemical*

Nebraska City, Nebraska.
Delta Tau Delta, Tau Nu Tau, Alpha Chi Sigma.

JOHN ALLAN MOORE, *Chemical*

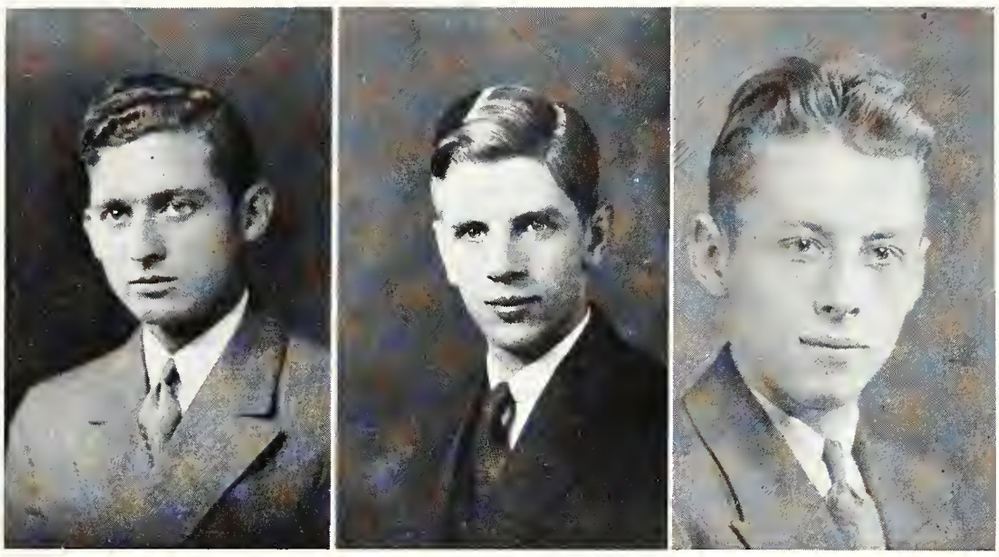
Brazil High School, Brazil, Indiana
Greencastle, Indaina
Alpha Tau Omega, Tau Beta Pi, Alpha Chi Sigma
Chairman Rose Show 4, Rifle Team 1-2.

JAUL R. SMITH, *Chemical*

Crockett Tech High School, Memphis, Tennessee
Terre Haute, Indiana
Tau Nu Tau, Alpha Chi Sigma, Class V.-Pres. 4, Executive Committee Rose Show 4, V.-Pres. Alpha Chi Sigma 4, Rifle Club 1-2-3.

RICHARD K. TONER, *Chemical*

Wiley High School, Terre Haute, Indiana
Terre Haute, Indiana
Tau Beta Pi, Alpha Chi Sigma, A. C. S., Technic Staff 2-3-4, Student Handbook 3, Student Council 4, Chairman Rose Show 4, Pres. Alpha Chi Sigma 4, Debate Club 2-3-4, Glee Club 3-4, Camera Club 1-2, Rea Scholarship 1-2-3-4, Honor Man 2-3-4, Honorable Mention 3.



Class of 1935

One year is left—may we live every minute of it.

The class of '35 has reached the beginning of the end or, in one respect, the beginning of the beginning.

Up to now our time in Rose has been both profitable and enjoyable and we stand upon the threshold of our Senior year with great anticipation.

We feel that our class has contributed its share to the honor and progress of Rose. For the last three years we have been well represented in all fields of activity and school work, and we can be justly proud of all of our accomplishments.

Our freshman year passed quickly with all of its readjustments and changes; our sophomore year, though difficult, left a few survivors; and our junior year with the banquet, show and prom practically flew.

Here's to Rose, long may it prosper

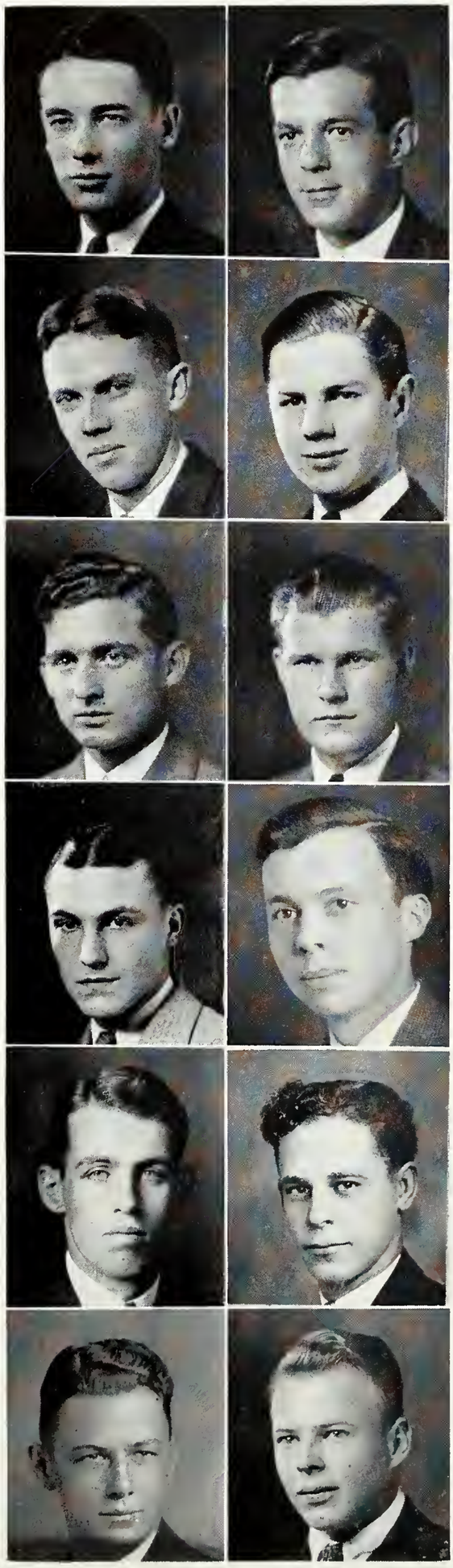
Here's to the class of '35—may we all graduate.

President ..... Earl Butler

Vice-President ..... Fred Wiles

Secretary Treasurer ..... John Mayrose

JUNIORS



ROBERT ASBURY
Mechanical

Garfield High School, Terre Haute, Indiana, Terre Haute, Indiana
Alpha Tau Omega, A. S. M. E.

ALBERT L. BARD
Civil

Brazil High School, Brazil, Indiana, Brazil, Indiana
Theta Xi, A. S. C. E. 2-3, Athletic Board 3, Football 3, Rifle Team 2-3, Rifle Club 1-2-3.

JOHN A. BRADLEY
Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana
Indiana State Teachers College, Summer 1932, Alpha Tau Omega, A. S. M. E., Track 1-2-3, Baseball 1-2-3, Glee Club 1-2-3, Glee Club Key, First and Second place Track Medals.

GORDON I. BURT
Civil

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana
Alpha Tau Omega, A. S. C. E. 2-3, Executive Committee Rose Show 3, Rose Technic Staff 2-3, Debate Team 1-3, Debate Club 1-3, Camera Club 3, Rea Scholarship 1-2-3.

EARLE B. BUTLER
Civil

Bogota High School, Bogota, New Jersey, Bogota, New Jersey
Sigma Nu, Blue Key, Tau Nu Tau, A. S. C. E., Pres. Class 3, Technic Staff 2-3, Editor Student Handbook 2, Student Council 3, Rose Show Committee 3, Financial Sec. Student Council 3, Honor Man 3, Intramural Medals 2-3.

E. EWING CARRICO
Civil

Louisville Male High School, Louisville, Kentucky, Louisville, Kentucky
Sigma Nu, A. S. C. E., Junior Prom Committee 3.

GEO. E. CAVANAUGH
Chemical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana, Alpha Chi Sigma, Football 2-3, Baseball 1-2-3, Basketball 1-2, Rifle Club 1, Medal in Baseball 2, Letter man 2-3.

EMMET J. CODY, JR.
Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana
A. S. M. E., Modulus Staff, Camera Club.

DEFOREST W. COLBURN
Civil

Menominee High School, Menominee, Michigan, Menominee, Michigan
Sigma Nu, A. S. C. E., Football 3.

NORMAN H. CROMWELL
Chemical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana
Alpha Tau Omega, Tau Nu Tau, Rifle Club 1-3, Rea Scholarship 2-3.

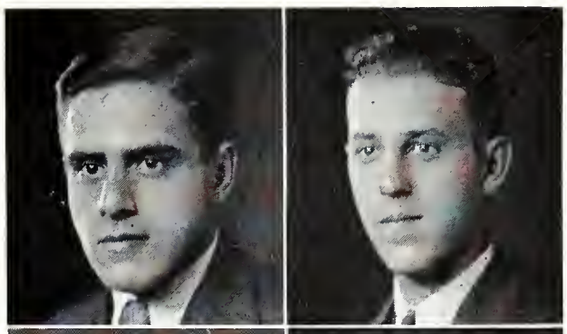
JOHN A. CUSHMAN
Mechanical

State Training High School, Terre Haute, Indiana, Terre Haute, Indiana
Indiana State Teacher's College-Commerce, 1932, Alpha Tau Omega, A. S. M. E., Technic Staff 3, Camera Club 3, Rifle Club 1.

CLAUDE C. DIERDORF
Mechanical

Brazil High School, Brazil, Indiana, Brazil, Indiana
A. S. M. E., Camera Club 1, Rifle Club 1, Band 1-2.

JUNIORS

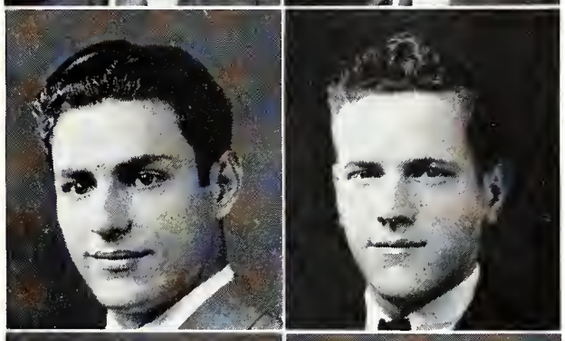


WILLIAM C. EYKE
Civil

Muskegon High School, Muskegon, Michigan, Muskegon, Michingan
Alpha Tau Omega, Tau Beta Pi, A. S. C. E. 2-3, Show Chairman 1, Football 2-3, McGregor Scholarship 3.

JOHN J. FULLER
Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana
Theta Kappa Nu, A. S. M. E. 3, Rifle Club 1-2-3, Band 1-2-3.

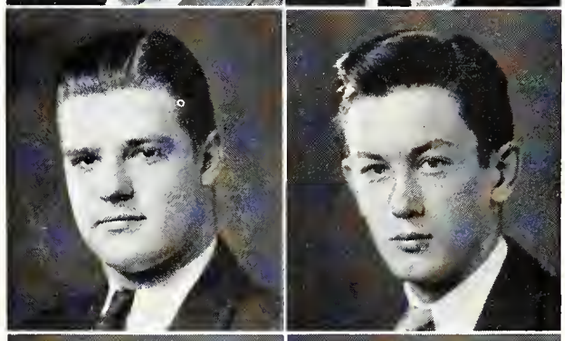


JOHN P. GIACOLETTO
Electrical

Clinton High School, Clinton, Indiana, Clinton, Indiana
Rifle Club 1, Radio Club 2-3, McGregor Scholarship 1-2, 5th Corps Area Award.

JOHN J. HAGER
Chemical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana, Alpha Tau Omega, Tau Nu Tau, Rose Technic 2-3, Editor 3, Scholarship 1.

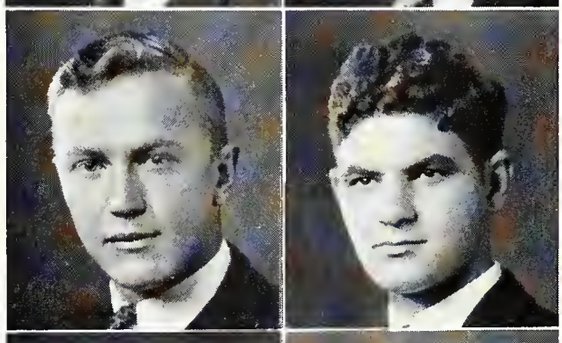


JAY F. HALL
Electrical

Heights High School, Cleveland, Ohio, Cleveland, Ohio
Sigma Nu, Tau Nu Tau, A. I. E. E., Class V.-Pres. 2, Technic 2-3, Junior Prom Chairman 3, Glee Club 3.

E. A. HAMILTON
Civil

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana
Indiana State Teachers College 1931, Sigma Nu, A. S. C. E. 2-3, Debating Club 3, Rifle Club 1-2, First prize Civil Department Rose Show 3.

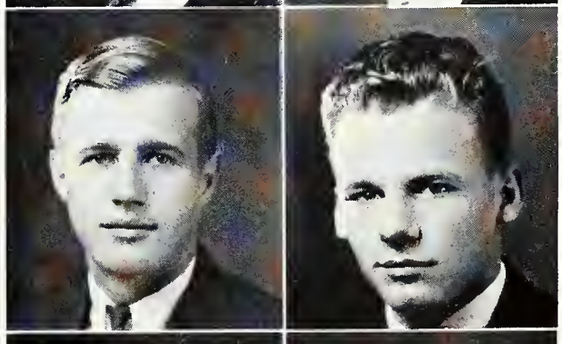


LOUIS W. HECK
Civil

Concannon High School, West Terre Haute, Indiana, St. Mary of the Woods, Indiana,
Sigma Nu, A. S. C. E., Modulus 3, Camera Club 2-3, Second prize Civil Department Rose Show 3, Third prize Rose Show 3.

ARTHUR W. HESS
Civil

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana
Tau Beta Pi, Tau Nu Tau, A. S. C. E., Technic Staff 2-3, Basketball 1, Rifle Club 1-2-3, Rea Scholarship 1-2-3, Honorable Mention 2.

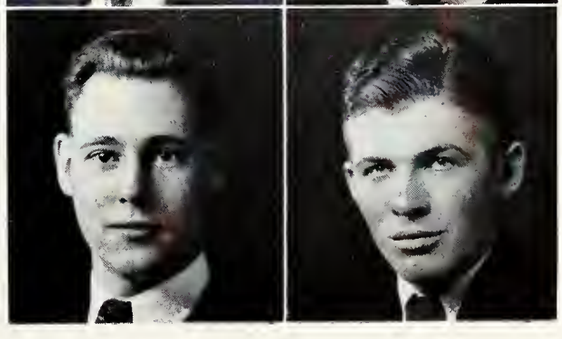


JAMES H. HOFFMAN
Chemical

Fontanet High School, Fontanet, Indiana, Fontanet, Indiana
Indiana State Teachers College, 1930, Purdue University, 1931, University of Minnesota, 1932
Alpha Chi Sigma.

ALBERT L. JAMES
Chemical

State High School, Terre Haute, Indiana, Terre Haute, Indiana
Tau Nu Tau, Glee Club 3, Rifle Team 1-2-3.



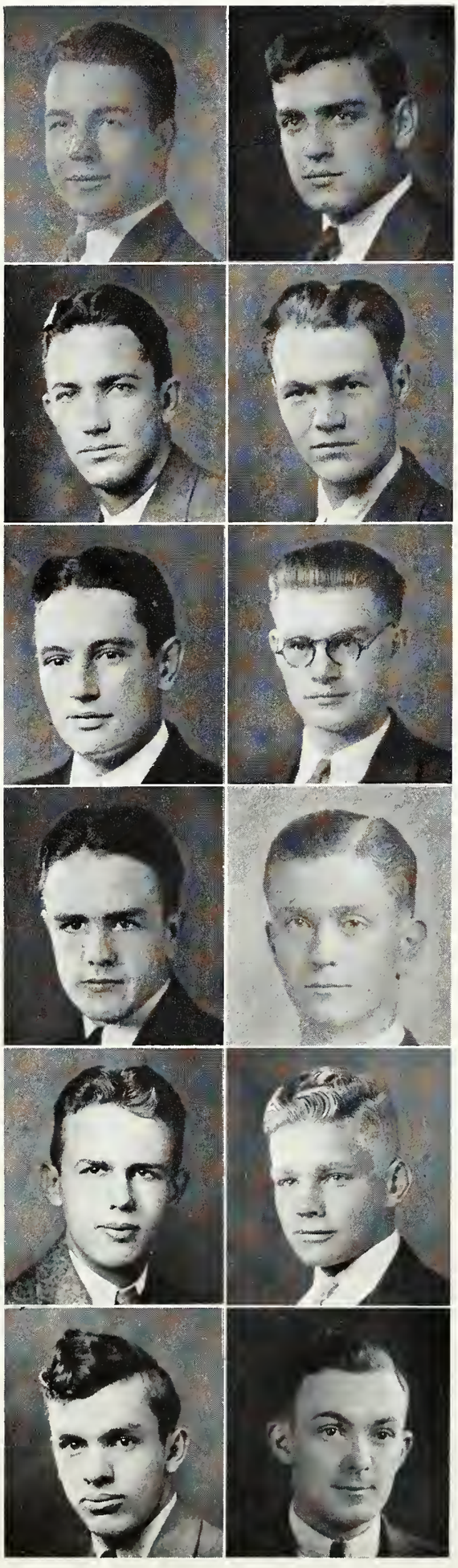
RUSSELL KERR
Civil

Carmel High School, Carmel, Indiana, Indianapolis, Indiana
Chairman Drawing Department Rose Show 3.

JOHN K. LOMAN
Mechanical

Cutler High School, Cutler, Indiana, Cutler, Indiana
A. S. M. E. 3, Rifle Club 1-2, Camera Club 3, Band 1-2-3.

JUNIORS



LOUIS LYON
Chemical

Garfield High School, Terre Haute, Indiana, Terre Haute, Indiana
Alpha Tau Omega, Alpha Chi Sigma, Football 3, Intramural Baseball 2-3, Rifle Club 1-2-3, Football letter 3, Baseball Medal 2.

BURRIL F. MCINTYRE
Electrical

Brazil High School, Brazil, Indiana, Brazil, Indiana
Alpha Tau Omega, Tau Nu Tau, A. I. E. E., Chairman Rose Show 3, V.-Pres. Rifle Club 3, Rifle Club 1-2-3, Rifle Team Letter 2-3, Shourds and Prox Awards.

BERNARD P. MELTON
Civil

Garfield High School, Terre Haute, Indiana, Terre Haute, Indiana
Sigma Nu, A. S. C .E., Modulus 3.

CARL NELSON
Mechanical

Lawrenceville Township High School, Lawrenceville, Illinois, Lawrenceville, Illinois
Sigma Nu, A. S. M. E., Athletic Representative 1.

BERT L. PEARCE
Mechanical

Wiley High School, Terre Haute, Indiana; Terre Haute, Indiana
Alpha Tau Omega, A. S. M. E., Modulus 3, Secretary-Treasurer Camera Club 3, Camera Club 2-3, Glee Club 3.

PAUL PRESNELL
Electrical

Van Buren High School, Indiana R. R. 5, Terre Haute, Indiana
A. I. E. E. 3.

JOHN H. WELSH
Mechanical

Louisville Male High School, Louisville, Kentucky, Louisville, Kentucky
Alpha Tau Omega, Tau Nu Tau, A. S. M. E., Football Manager 1-2-3, Glee Club 1-2-3, Camera Club 3.

ALBERT V. MCEOWEN
Civil

Arsenal Technical Schools, Indianapolis, Indiana, Indianapolis, Indiana
Tau Beta Pi, A. S. C. E. 2-3, Show Chairman 1-3, McGregor Scholarship 2-3, Heminway Medal 1.

KARL L. MASON
Mechanical

Van Buren High School, Brazil, Indiana, Brazil, Indiana
A. S. M. E., Camera Club 2-3.

PAUL C. MONTGOMERY
Electrical

Shelbyville High School, Shelbyville, Indiana, Shelbyville, Indiana
A. I. E. E., McGregor Scholarship 1.

E. FREDERICK NEWMAN
Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana
Theta Xi, A. S. M. E., Rifle Club 1-2, Glee Club 2.

WILLIAM S. PRATT
Civil

Brazil High School, Brazil, Indiana, Brazil, Indiana
Alpha Tau Omega, A. S. C. E., Tau Nu Tau, Rifle Club 1-2-3, Scholarship 1.

CARL PRICE
Chemical

Garfield High School, Terre Haute, Indiana, Terre Haute, Indiana
Theta Xi, Class Sec.-Treas. 1, Class Pres. 2, Student Council 2, Baseball Medal, Basketball Medal.

JUNIORS

HAROLD REINTJES
Chemical

Indiana State High School, Terre Haute, Indiana, Terre Haute, Indiana
Tau Nu Tau, Rifle Club 1-2 3, Rea Scholarship 1-2-3.

HARRY H. RICHARDSON
Mechanical

Cleveland Heights High School, Cleveland, Ohio, Cleveland, Ohio
Sigma Nu, Tau Nu Tau, A. S. M. E., Class Pres. 1, Athletic Board 2-3, Technic Staff 2-3, Football 1-2-3, Basketball 1, Recording Sec. Student Council 1, Student Council 1, Glee Club 2-3, Honor Man, Intramural Medals.

VIRGIL SHAW
Civil

Miami Senior High School, Miami, Florida, Coral Gables, Florida.
Alpha Tau Omega, A. S. C. E. 2-3, Modulus 2-3, Assistant Editor 3, Camera Club 3, Glee Club 3, Second prize Civil Department Rose Show 3, Third prize Rose Show 3.

JOHN A. STRAW
Electrical

Clinton High School, Clinton, Indiana, Clinton, Indiana
Radio Club 1-2-3.

NELSON B. TRUSLER
Electrical

Shortridge High School, Indianapolis, Indiana, Indianapolis, Indiana
Theta Xi, Tau Nu Tau, A. I. E. E., Technic 3, Radio Club 1-2-3, Camera Club 3.

JOE B. WEAVER
Chemical

Marshall Township High School, Marshall, Illinois, Marshall, Illinois
Alpha Chi Sigma, Modulus 2-3, Camera Club 1-2-3, Radio Club 2, Rifle Club 1, McGregor Scholarship 1.

HAYDEN RICHARDSON
Civil

West Baden High School, West Baden, Indiana, West Baden, Indiana
Sigma Nu, A. S. C. E., Tau Nu Tau, Basketball 1.

ROBERT W. SELF . . . .
Electrical

Hymera High School, Hymera, Indiana, Terre Haute, Indiana
Theta Kappa Nu, Modulus 3, Radio Club 1-2-3.

WAYNE A. SIEGFLIN
Electrical

Brazil High School, Brazil, Indiana, Brazil, Indiana
A. I. E. E., Rifle Club 1, Camera Club 1, Radio Club 3.

BYRNE TERHORST
Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana
Sigma Nu, A. S. M. E., Rifle Club 1-2.

NORMAN TUCKER
Chemical

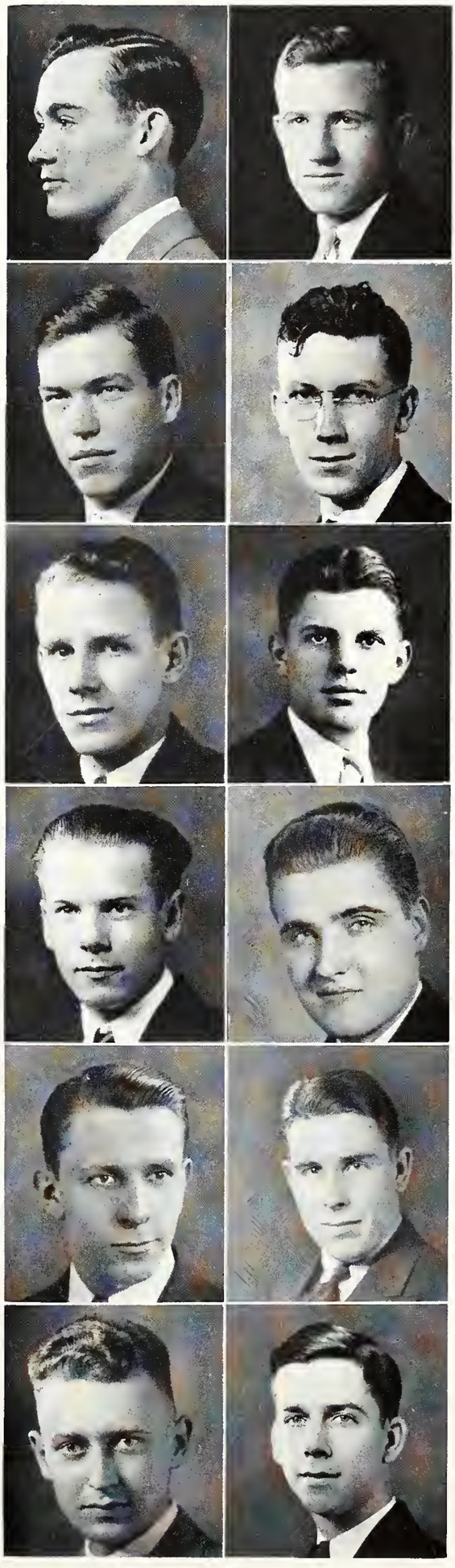
Garfield High School, Terre Haute, Indiana, Terre Haute Indiana
Football 2-3, Intramural Baseball 2-3, Letterman 3, Baseball Medal 2.

ERNEST J. WELSH
Mechanical

Louisville Male High School, Louisville, Kentucky, Louisville, Kentucky
Alpha Tau Omega, A. S. M. E., Sec.-Treas. Class 2, Camera Club.

FRED WILES
Mechanical

Struthers High School, Struthers, Ohio, Struthers, Ohio
Fenn College, Cleveland, Ohio, 1930-1931, Alpha Tau Omega, A. S. M. E., Football Manager 1-2-3, V.-Pres. Class 3, Junior Show Chairman.



Class of 1936

President ..... RAY LAUGHLIN
Vice-President ..... JOHN WHITESELL
Secretary-Treasurer ..... MARTIN LONG

Bennett, Paul D.
Blair, Francis M.
Campbell, James
Creal, William R.
Denehie, Edward
Duenweg, Louis
Evinger, Charles T.
Forte, John A.
Garmong, Harry E.
Harrod, Raymond J.
Hopewell, Robert
Howard, Edward E.
Hufford, James F.
Kasameyer, William E.
Laughlin, Raymond R.
Leever, Edward B.
Long, Martin
Lyon, Hubert
Macdonald, Charles E.
McKee, Paul H.
Mann, John W.
Marks, J. Robert
Merriman, Carroll R.
Metz, Richard C.
Mewhinney, Albert B.
Modesitt, Fred W.
Moore, Wilmot S.
Mueller, Eugene J.
Overholser, Daniel
Pearson, Byron
Roberts, Jack
Salisbury, Neil A.
Sentman, Warren S.
Spain, Richard W.
Staley, William G.
Tait, Samuel
Utter, J. Lyon
Waddell, Robert A.
Walker, Joseph H.
Weinbrecht, Albert M.
West, John B.
Whitesell, John E.
Wilber, Eugene W.

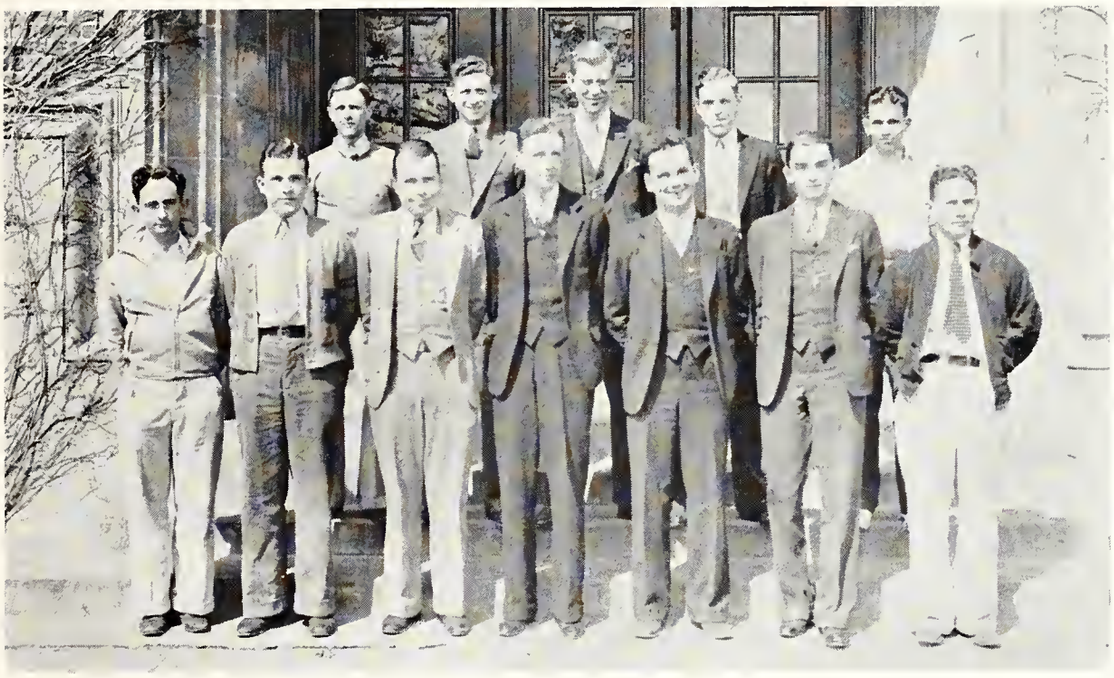
Class of 1937

President . . . . . George Landenberger
Vice-President . . . . . Earl Cromwell
Secretary-Treasurer . . . . . William Batman

Averitt, Robert A.
Batman, William E.
Blount, Frank E.
Bond, Robert E.
Carroll, Lawrence
Cartwright, Phillip
Coons, Edward A.
Courtney, Benjamin G.
Cox, Stanley L.
Cromwell, Clyde E.
Cromwell, Earl T.
Dillahunt, Joseph A.
Donie, Roland A.
Foley, Alden B.
Ford, F. Duane
Fox, John W.
Garzolini, Alechi F.
Giffel, Paul E.
Halberstadt, Harry J.
Hatcher, James J.
Hehman, Donald T.
Heltsley, John H.
Huff, William R.
Hughes, James A.
Jacobson, John M.
Johnson, Forrest O.
Juntgen, Walter W.
Koos, Stephen
Kristan, Paul F.
Landenberger, George
Lindsey, Robert L.
Lotze, Albert
Luken, Walter
Mohr, Howard
Raynes, Burt F.
Rich, Charles F.
Richardson, John R.
Ricketts, John T.
Rotz, Rhiman
Sears, Robert I.
Smith, Morris D.
Smith, W. Stuart
Snedeker, Walter R.
Stineman, John B.
Tappan, Warren M.
Wells, Thomas N.
White, Robert W.
Wischmeyer, Carl R.
Wittenberg, Hubert
Wodicka, Edward J.

Activities

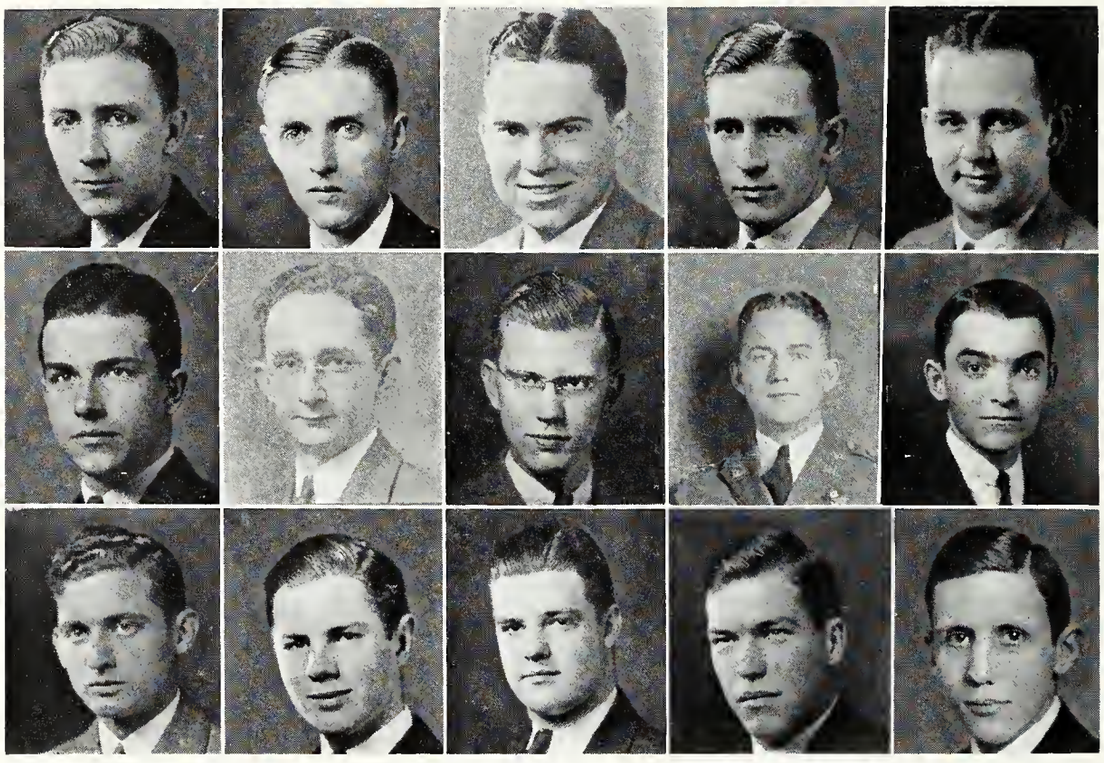
Student Council



The Student Council is composed of 13 members. These members are the presidents of the various organizations on the campus and one man elected to serve as Financial Secretary. The Council serves to control the Student activities and to arbitrate where such action is necessary. Along with the administrative duties, the Council gives the St. Pat's dance. This dance is one of the traditions of Rose that has been kept intact and will most likely always be a part of the activities of the students. The members for this year are:

Russell Archer
William Belstrom
James Brown
Earle Butler
John Keller
Raymond Laughlin
Jackson Landenberger
George Landenberger
Frank Mansur
Jack Ritter
George Stark
Howard Staderman
Richard Toner

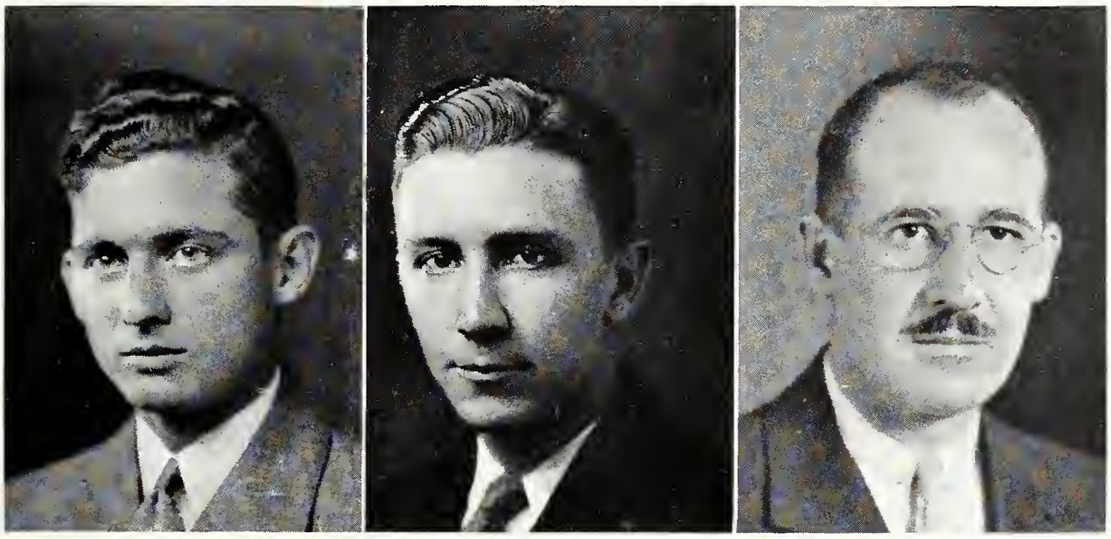
Rose Honor Men



The Rose Honor Key is awarded to those men on the campus who have achieved outstanding recognition in diversified extra-curricular activities. These men are selected from the applicants for this award by the Student Council. There are honor points that are awarded for different achievements and offices in the student activities and if a man earns 20 of these points in one year or 50 in four years he is eligible for a key. The honor awards for this year are:

William Belstrom
Gordon Burt
Earle Butler
Jack Foulkes
Jay Hall
Brent Jacob
Jack Keller
Jackson Landenberger
Frank Mansur
Harry Richardson
John Ritter
Warren Sentman
George Stark
Richard Toner

The Handbook

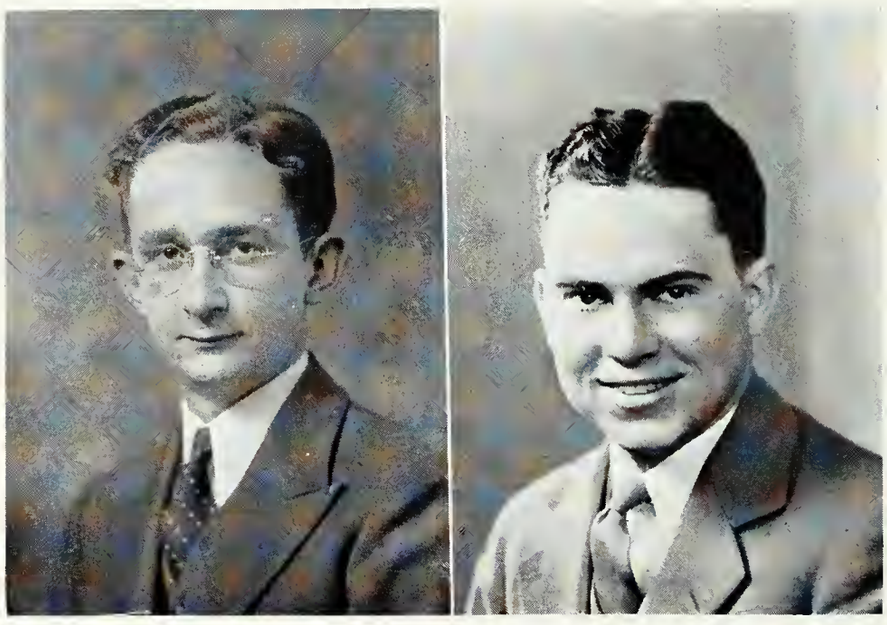


The Handbook was originally published by the student Y. M. C. A. but when this organization was dropped from the campus the Student Council took over the publication of the handbook. New students particularly appreciate the handbook as it has an abundance of very valuable information about the school and student affairs. It was originated primarily for the freshmen but is valuable to any student.

The 1933-34 staff was:

EARLE BUTLER ..... *Editor*
WILLIAM BELSTROM ..... *Associate Editor*
J. ROBERT MOTZ ..... *Associate Editor*

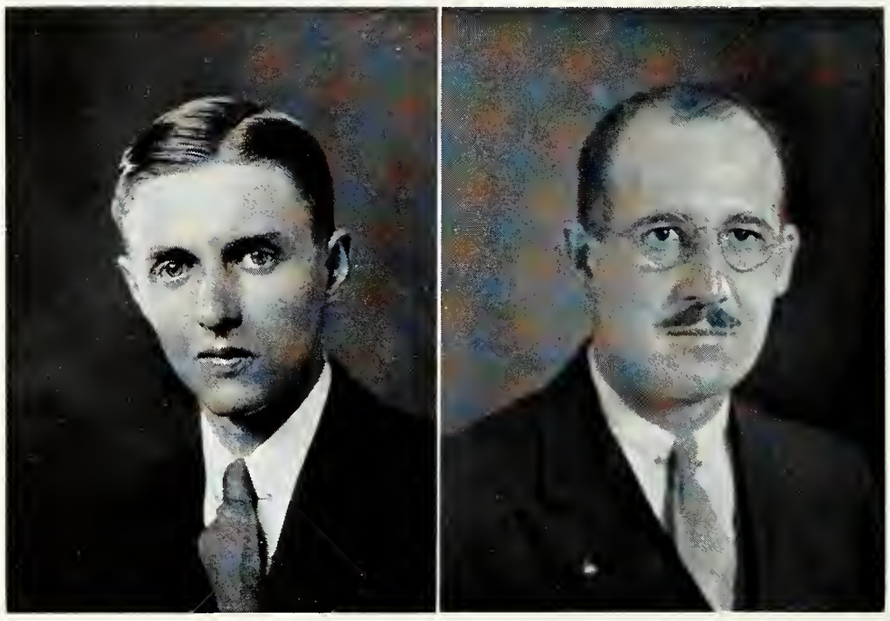
Modulus



Frank Mansur	*Editor-in-Chief*
Jack H. Foulkes, Jr.	*Business Manager*
Jackson Landenberger	*Senior Sales Manager*
Gene A. Zwerner	*Advertising Manager*
Joe Weaver	*Photographic Editor*
Howard Stadermann	*Photographic Editor*
Virgil Shaw	*Assistant Editor*
Joe Walker	*Campus Editor*
Louis Heck	*Art Editor*
A. G. Morrison	*Athletic Editor*
John Mattingly	*Humor Editor*
Bert Pearce	*Junior Sales Manager*
Bernard Melton	*Assistant Art Editor*
N. C. Blair	*Assistant Business Manager*
Harry Garmong	*Sophomore Sales Manager*
Paul Giffel	*Freshman Sales Manager*
Robert Self	*Assistant Campus Editor*
Willis Biggs	*Assistant Advertising Manager*
Emmet Cody	*Assistant Advertising Manager*

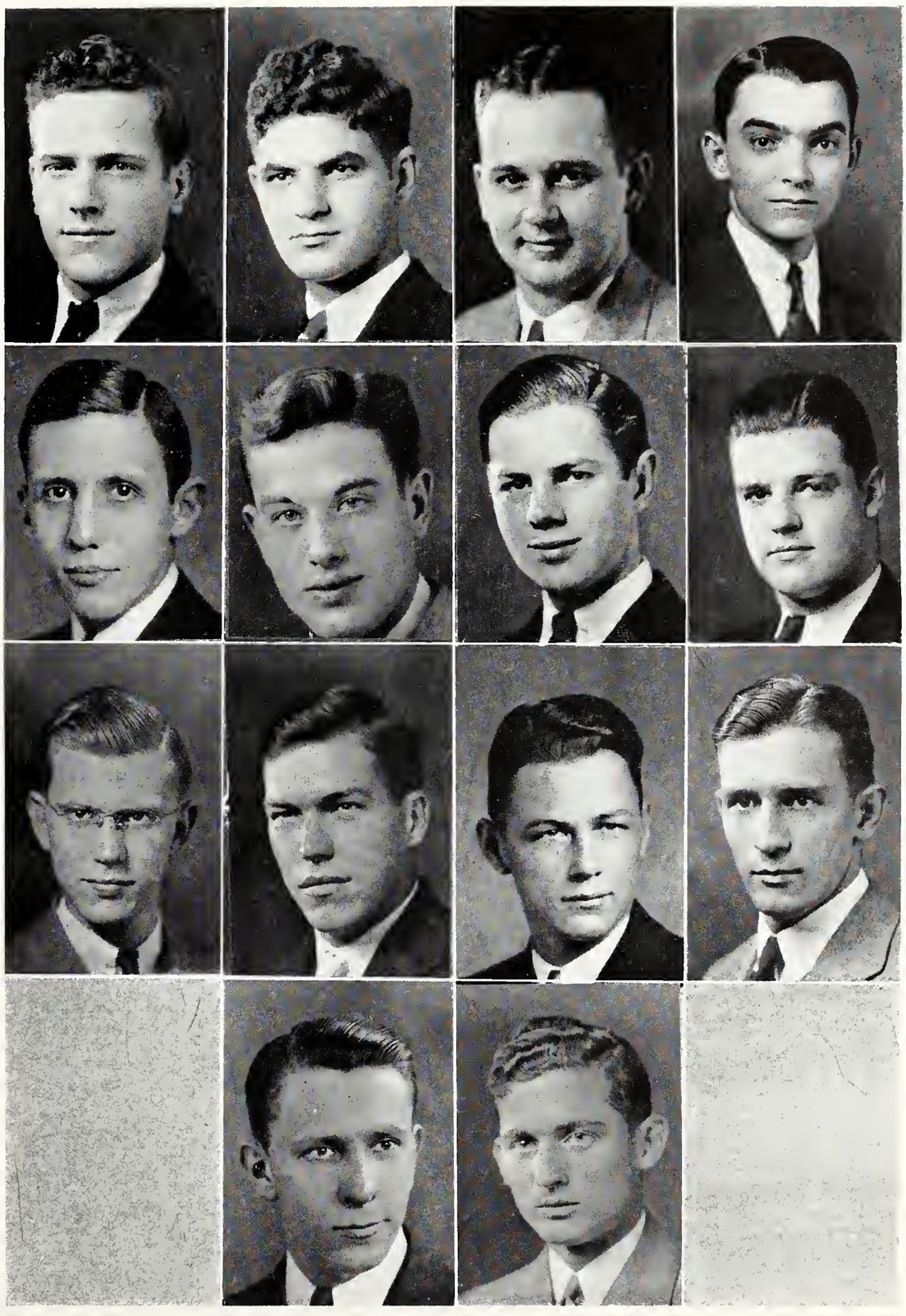
Modulus

Technic Staff



James G. Brown	*General Manager*
J. Robert Motz	*Business Manager*
John Hager	*Editor*
Arthur Hess	*Associate Editor*
John Keller	*Circulation Manager*
Richard Toner	*Contributing Editor*
Warren Sentman	*Assistant Editor*
Daniel Overholser	*Campus Editor*
Gordon Burt	*Advertising Manager*
Jay Hall	*Alumni Editor*
John Ritter	*Research and Progress*
Harry Richardson	*Sports Editor*
John Cushman	*Assistant Alumni Editor*
Brent Jacobs	*Assistant Advertising Manager*
Nelson Trusler	*Humor Editor*
Earle Butler	*Assistant Circulation Manager*

Technic Staff



A. I. E. E.

The Rose Polytechnic Student Branch of the American Institute of Electrical Engineers was one of the most active organizations on the campus this Spring. Guests from Purdue and the University of Illinois Student Branches and several from the Indianapolis Lafayette Section were entertained at the annual tri-school meeting and 50th anniversary meeting of the A. I. E. E. held here on April 14, 1934. A very fine program was presented and followed by a dinner at the Woodrow Wilson Junior High School. In the afternoon the guests were taken on inspection trips to the Dresser Power Plant and the large electric shovel in Staunton.

The officers for this year are:

PROFESSOR C. C. KNIPMEYER ..... *Counselor*
FRANK MANSUR ..... *Chairman*
HENRY FICK ..... *Secretary-Treasurer*

A. S. M. E.

Rose Polytechnic Institute has had an active student branch of the A. S. M. E. since 1926. The membership is limited to the juniors and seniors taking Mechanical Engineering.

The activities of the branch consists of inspection trips and meetings with programs by the different students. Many of the members of the branch gave interesting technical reports on different allied engineering subjects.

JAMES MASON ..... *President*

GEORGE STARK ..... *Vice-President*

RONALD UPDIKE ..... *Secretary*

ARTHUR TUEMLER ..... *Treasurer*

A. S. C. E.

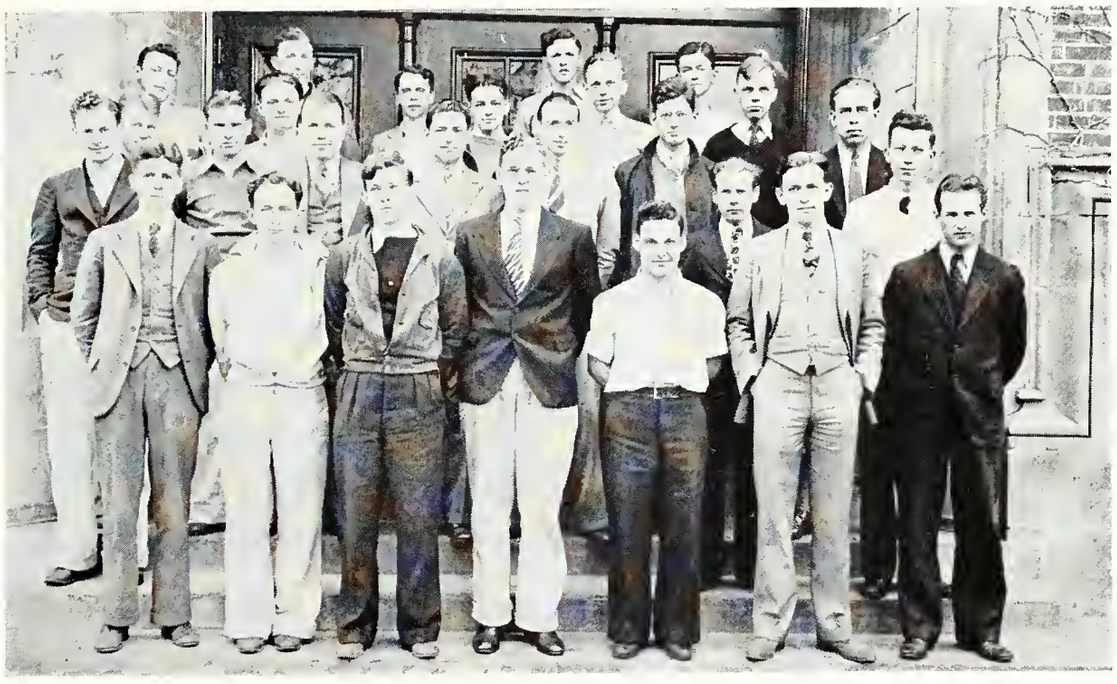
The American Society of Civil Engineers was founded in 1852 which makes it the oldest national engineering society in the United States. The purpose for which it was organized is the advancing of civil and architectural engineering knowledge. There are now 87 Student Chapters affiliated with the Society. All Juniors and Seniors are entitled to membership of the Student Chapter at Rose, which was installed at the school in 1921.

The Rose chapter has had several educational lectures this year. Mr. M. R. Keefe, Chief Engineer on the Athens water supply construction, gave a very interesting lecture on the installation of the Athens Water Supply System, and Mr. Hubble, a member of the Indiana State Highway Commission and an Alumnus of Rose Polytechnic, explained the installation of a patented metal fill retainer on a fill slide of a road in the southern part of the State. There were also a number of interesting talks given by members of the faculty in the Civil Department.

It is of interest to state that the President of the American Society of Civil Engineers, Alonzo J. Hammond, is a Rose alumnus of the class of 1889 and that Professor R. L. McCormick, faculty sponsor of the Rose Student Chapter, is a member of the A. S. C. E. Committee on Student Chapters.

JOHN KELLER ..... *President*
EARLE BUTLER ..... *Secretary-Treasurer*
PROFESSOR R. L. MCCORMICK ..... *Faculty Sponsor*

Radio Club



The Rose Radio Club concentrated its attention on two things this year. The most important was the Rose Show and the other was W9NAA. This station is an official club station of the American Radio Relay League.

During the meetings of the Radio Club, very interesting talks were presented by the members of the faculty and students. These discussions covered the current interests of radio and its closely affiliated branches. Some of the members mastered the code and were able to receive and transmit messages over the club's station.

The club presented several fine displays at the Rose Show. Some of these were: Radio Station W9NAA, Ultra Short Wave Broadcasting, Vacuum Tube Display, Remote Control by Radio, Radio Organ, and Radio Testing Equipment.

Throughout the winter months Mr. Hunter broadcasted code lessons over the amatuer phone station W9NBZ. These code lessons were received all over the middle west and were greatly appreciated by the amatuers trying to learn the code. At the present time the club is building a crystal controlled oscillator for the transmitter.

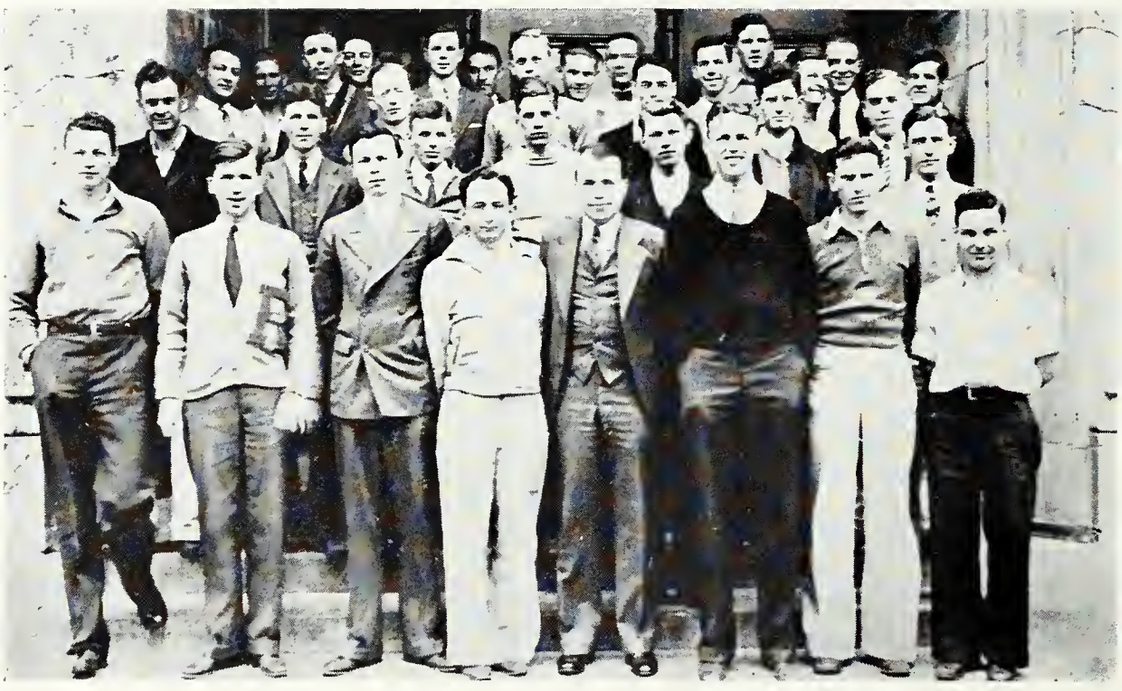
RUSSELL ARCHER ..... *President*

MARTIN LONG ..... *Vice-President*

JACK STRAW ..... *Secretary-Treasurer*

DR. B. A. HOWLETT ..... *Faculty Advisor*

Camera Club



During the last year the Camera Club has become interested in motion picture photography. A one-reel motion picture film of Rose was made of campus scenes and activities, with titles inserted that gave the film a finished appearance. This film has been shown to the various Rose Tech Alumni Clubs in the East and has received favorable comments from its reviewers.

A picture contest was held and prizes were awarded to the outstanding pictures that were made by student members of the club. Some very valuable and useful photographic prizes were awarded to the winners of the contest.

The club has two large and well equipped dark rooms in the main building and any interested student can find a fellow student that is able and willing to give the novice the benefit of his experience in getting started. The value of photography to the engineer should be recognized by students and the opportunity offered in club membership should be availed.

HOWARD STADERMANN ..... *President*

FRANK MANSUR ..... *Vice-President*

BERT PEARCE ..... *Secretary-Treasurer*

Glee Club

Under the excellent direction of Clyde Bennett, the Glee Club has had a very successful year. In addition to singing at the assembly, the choristers appeared at several churches, high schools, and sang over the Radio Station WBOW. Many engagements were cancelled because of conflicting dates and lack of time, as the club has made appearances almost every week.

This year the club was very fortunate in having as a guest soloist Miss Dorothy McCullough, a collalura soprano.

The glee club affords an opportunity to those students who like to sing and are willing to spend a few hours each week for practice.

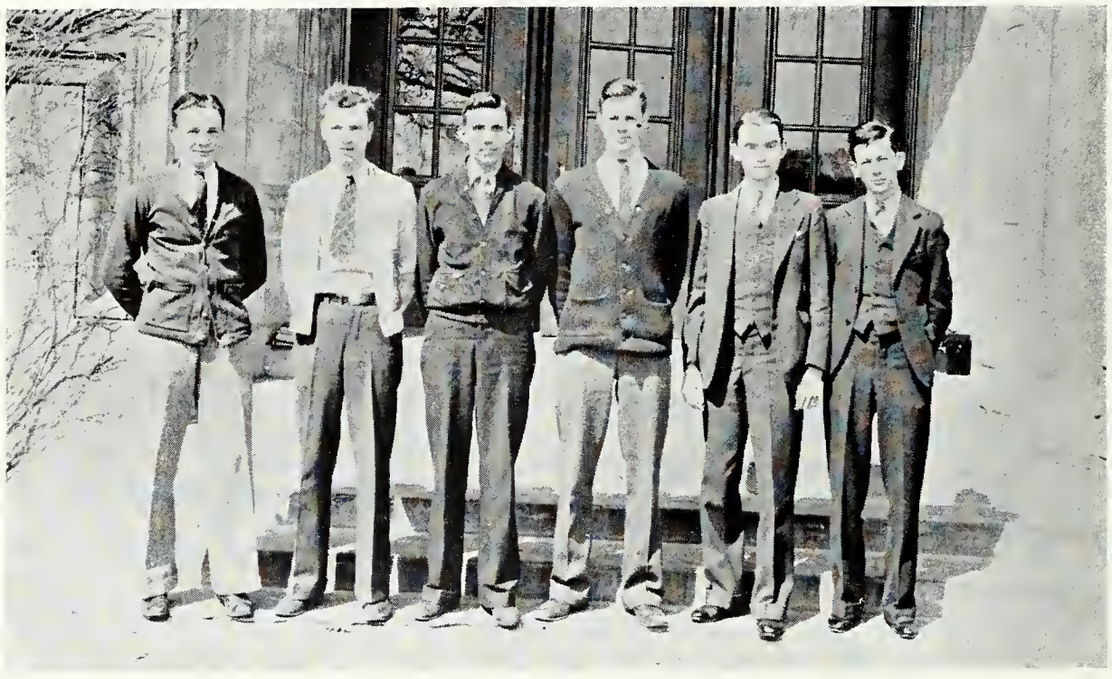
The enthusiasm that was shown for the glee club indicates that it is likely to become one of the outstanding activities of the campus.

WILLIAM BELSTROM ..... *President*

WENDELL TEMPLETON ..... *Vice-President*

BRENT JACOB ..... *Manager*

Debate Club



One of the most successful years since its organization has been enjoyed by this year's Debate Club under the direction and guidance of Prof. John L. Bloxsome, the club's faculty advisor.

This year's subject was "Resolved: That the present Japanese policy in the Far East should be approved." This subject was debated at the fourth Annual Invitational Debate Tournament for colleges and universities held at Manchester College, February 23 and 24. Both Rose teams participated, the affirmative winning one out of five debates and the negative winning four out of five. Following the Manchester Tournament debates were held with Hanover and Oakland City.

The members of the teams this year were:

Affirmative: Coons, Sentman, McGurk.

Negative: Hamilton, Toner, Burt.

Officers of the club are:

Richard K. Toner ..... *President*

Harry McGurk ..... *Secretary-Treasurer*

Prof. John L. Bloxsome ..... *Faculty Advisor*

Rifle Club

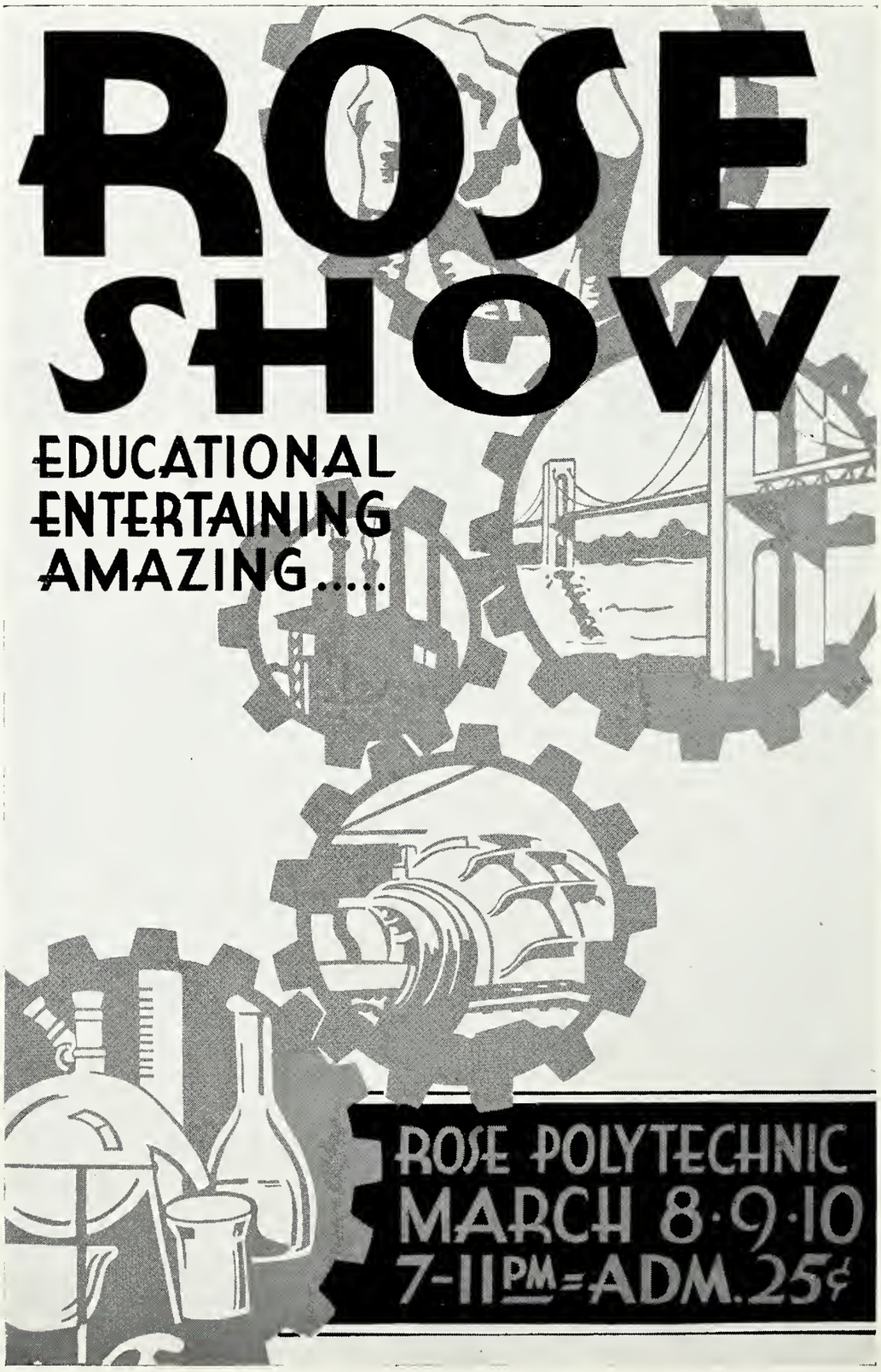
The Rose Rifle Club, organized in 1914, is now one of the outstanding organizations on the campus, having a membership of about one-fourth the student body. Membership is open to all students and the indoor range is open from December to March. Due to such a large enrollment, work has been started to enlarge the range which, when completed, will double its present capacity.

The purpose of the Club is to promote small bore rifle practice and supply teams for competition with other schools of the United States.

During the past season the Club entered an R. O. T. C. and a Varsity team in intercollegiate postal matches and certain special matches such as: the National Hearst Match, the American Society of Military Engineers Match, and the Fifth Corps Area Match.

George Stark	*President*
B. F. McIntyre	*Vice-President*
J. R. Motz	*Secretary-Treasurer*
Lieut. Garges	*Faculty Advisor*
Warrant Officer Sylvester Kearns	*Coach*

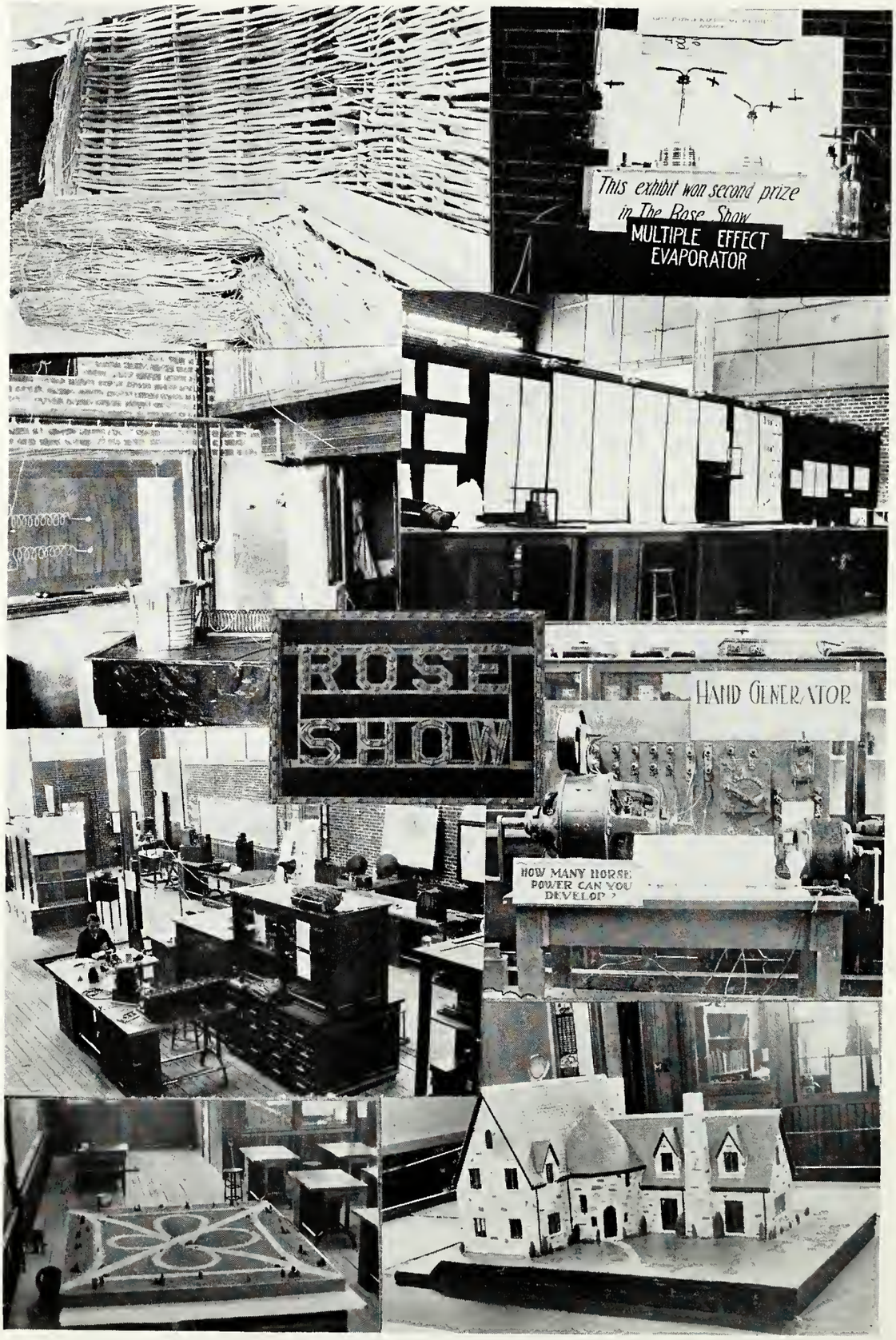
Rose Show


ROSE
SHOW
EDUCATIONAL
ENTERTAINING
AMAZING.....
ROSE POLYTECHNIC
MARCH 8·9·10
7-11 PM = ADM. 25¢

1 9 3 4

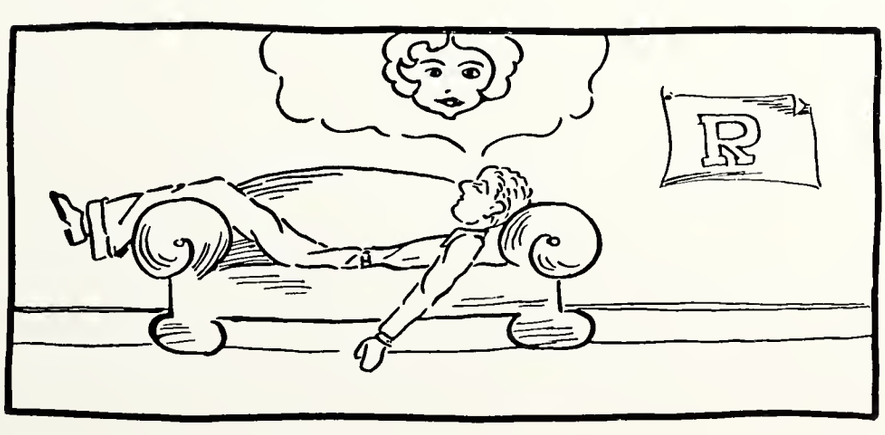
The first Rose Show was held in 1928. It was such an outstanding success that a similiar show has been held every other year since that time. There was considerable discussion as to the advisability of having a Show this year because of the reduced enrollment and the possible lack of support from the public because of financial conditions. It was finally decided to hold the Show and the success was even greater than was anticipated. The administration of the Show was a great deal different this year than any of the previous years. Previously the exhibits were under the direct supervision of the faculty and many of them were conceived by the professors and instructors. This year the Show was entirely a student enterprise with the faculty acting as advisors and arbitrators wherever such action was necessary. The Executive Committee having three members, John Keller, Chairman, Gordon Burt, and Paul Smith, had the ultimate jurisdiction over all matter pertaining to the Show. The very excellent administration of these men and the sub-committees was largely responsible for the success of the Show.

The Show was held March 8, 9, and 10. Although the weather was not as nice as it could have been, the Show was very well attended and was successful in every respect. The success of this years Show will probably be a major factor in establishing the Show as an intregal part of the college's activities.


This exhibit won second prize
in The Rose Show
MULTIPLE EFFECT
EVAPORATOR
ROSE
SHOW
HAND GENERATOR
HOW MANY HORSE
POWER CAN YOU
DEVELOP ?

Freshmen Days

The first taste of college social life was presented to those ambitious youngsters entering the institute for a hard four years with plenty of fun and plenty of work during the Freshmen Days. They began with the registration on Tuesday Morning, September 12, at 9:00 a. m. Following the intricacies of matriculation and the thrill of realizing the fact that they had actually become one of those notorious "Fighting Engineers", the Freshmen were entertained with a meal in the dormitory. Many friendships were formed during these first few hours that have lasted all year and will last for many years to come. After the Freshmen had become acclimated to the school and its many unique features, they were entertained by a smoker given for the Freshmen by Blue Key. At this smoker the "plebes" were given an opportunity to become acquainted with a few of those mighty upper classmen who after all proved to be entirely human. The faculty members also attended this smoker and mingled with the new students much to their surprise. These first days at Rose will always be remembered and the friendships formed during them will last a great deal longer than the duration of the college life.



Military Ball

The annual Military Ball was presented this year by the Rose Chapter of Tau Nu Tau. Joe Saunders band furnished the music for a very lovely dance. The Military Ball is a firmly established event of the social calendar and it is always the climax of the winter social season. The glamour of fine music and dainty formals hetrogeneously mixed with the hard and strict uniforms of the Military officers presented a dance scene entirely unique from any of the other dances of the year. This years Military Ball was very well attended and there is a chance that it may be the last one to be held at Rose.

Blue Key Dance

This years members of the Blue Key chapter at Rose have shown a great interest in the advancing ideas that might be for the betterment of the school. The results of one of these ideas was the desire to establish a smoking room in the main building; sometimes it is very cold to step outdoors for a smoke between classes. To make a room meet the requirements to permit smoking called for the expenditure of a sum of money that must be acquired from some other source than the treasure of the fraternity. A Rose dance is always a successful affair, and such a dance can be made to pay a revenue, if it is so desired. Thus the Blue Key dance became one of the social activities of the school during the past year.

The dance was held in the school gymnasium on the evening of February 16, 1934 with the Baxter-Brown orchestra playing the music. It was a new experience for most of the students to attend a dance held in the gymnasium; as it has been a number of years since a student group has used the gym for a dance. The decorations were very effectively carried out with the school colors of rose and white for the main theme. The fraternity color of blue was used in the decoration of the lights which were automatically dimmed and brightened throughout the evening.

The dance was well supported by both the students and the general public, and it had the desired qualities that go to make a dance an annual activity.

Interfraternity Dance

For years there has been a desire for an Interfraternity Dance at Rose. The hope for such a dance was always expressed in the "Handbook" under the section on social activities. As there was no home-coming football game this year, there was no Home-coming Dance. When the usual time drew near for the Home-coming Dance the students saw that a substitute dance was needed; so the four social fraternities on the campus planned for the long talked of Interfraternity Dance to be held on Saturday evening, October 12, 1933, which was near the usual time for the Home-coming Dance.

The dance was held in the Trianon Ballroom with Percy Carson's Chicago orchestra furnishing the music. The illuminated replica of the pins of the four fraternities were placed around the band shell, and each fraternity had a large table for their group that attended the dance. The general public gave such good support to this dance that it is certain to be mentioned in the next year's "Handbook" as an annual dance of the school.

Junior Prom

For the first time in three years the students of Rose had a Junior Prom. This dance was unquestionably the finest dance of the school year and was very well attended. Joe McCartney's orchestra played for the dancing and it was the opinion of everyone that the music was as fine as any that has been at a school dance this year. The South Club was beautifully decorated in blue and silver for the occasion and the weather was as nice as could be hoped for. The dance was given by the Class of '35 and the success of this dance should make it an annual affair from now on. Even with a very crowded social calendar for the spring season, the students supported the dance very well and nothing but favorable comments were heard among either the students or their guests.

St. Pat's Dance

There is probably no other one day on the entire school social calendar that is as well established as St. Pat's Day. St. Pat was an engineer and that makes him a good fellow in the heart of every student of Rose and he will always be. The dance was held in the Terre Haute House this year using the entire lower floor and the ballroom on the second floor. Tables arranged in cabaret style presented a novel and effective arrangement. Music by Slim Lamar and his band was really very good and the dance was a success as all St. Pat's dances have been. Balloons arranged in streamers and in a huge green and white shamrock transformed the dignified lobby into a festive and gay ballroom besides furnishing a great deal of entertainment for the guests when they were torn down.

Commencement

President's Reception ..... Friday, June 1st
WYGENWOOD, 4:00 p. m.

Senior Reception and Dance ..... Friday, June 1st
ROSE POLYTECHNIC GYMNASIUM, 9:00 p. m.

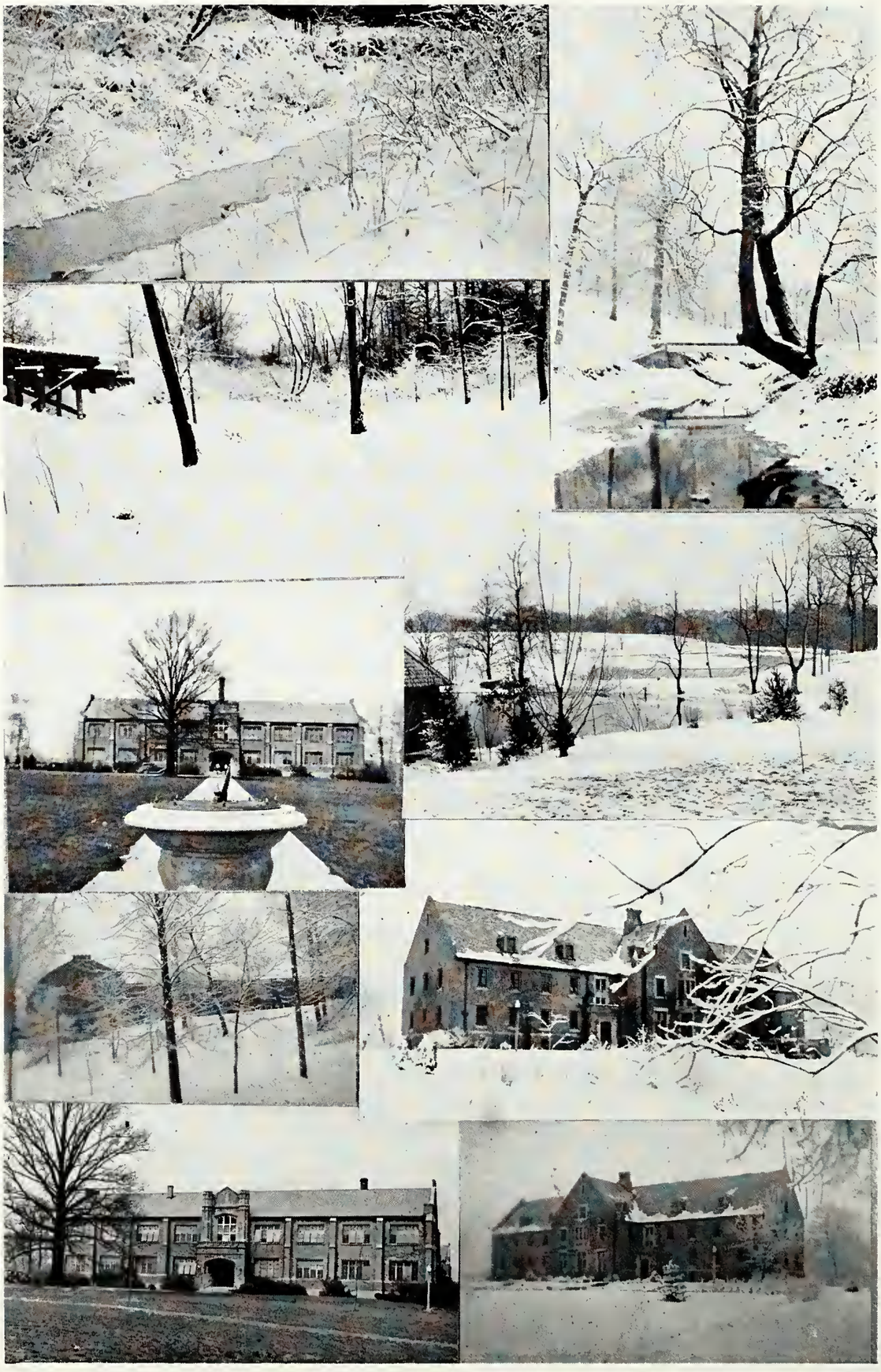
Commencement Exercises ..... Saturday, June 2nd
ROSE POLYTECHNIC INSTITUTE, 10:00 a. m.

Luncheon ..... Saturday, June 2nd
DEMING HALL, 12:00 M.

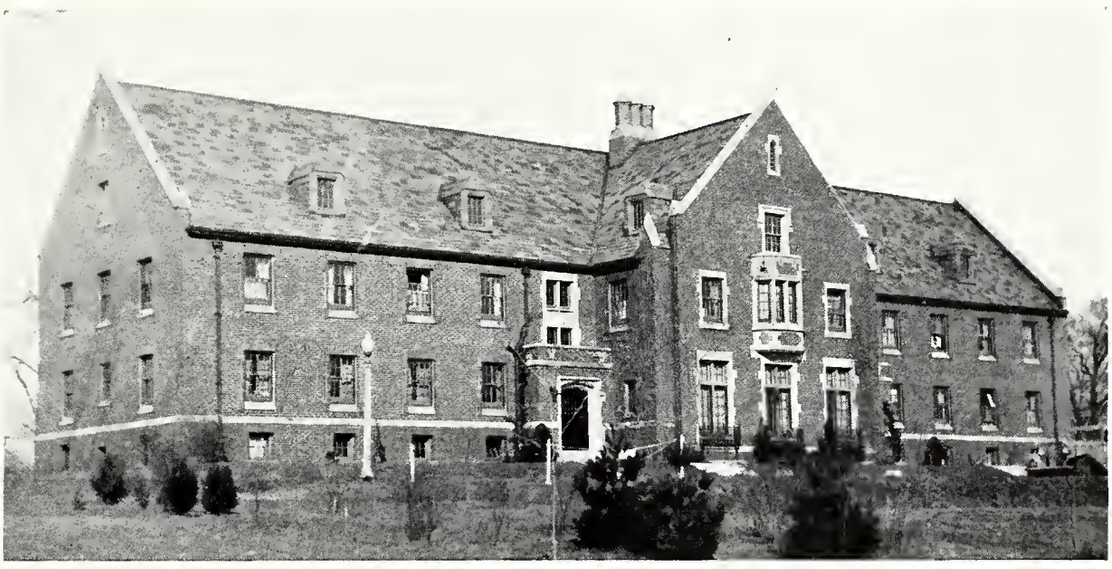
Alumni Association Meeting ..... Saturday, June 2nd
DEMING HALL, 2:00 p. m.

Faculty-Senior Baseball Game ..... Saturday, June 2nd
ROSE POLYTECHNIC INSTITUTE, 4:00 p. m.

Alumni Association Diner ..... Saturday, June 2nd



The Dormitory



The out of town students that live at the dormitory or Deming Hall as it is called in memory of Demas Deming, are very fortunate in having Mr. and Mrs. Hopkins as the supervisors of the dormitory.

All of the freshmen from out of town are required to live in the dormitory and to many of them the experience of being away from home is a new one and many unanticipated difficulties are encountered. It isn't long until these difficulties become fewer and fewer and the friends become more and more numerous. N. C. Blair was the president of the Dormitory Association this year.

Military Department

The course in Military Science and Tactics is given at Rose Polytechnic Institute under the direct supervision of the War Department through officers of the United States Army. The basic course is offered the first two years and is open to all freshmen and sophomores. The advanced course is limited to those chosen from the applications and is open only to juniors and seniors. Until two years ago, this work was required at Rose but it is now on an elective basis.

There are two companies in the Engineers Unit at Rose this year. The staff officers are:

Cadet Major and Battalion Commander ..... J. R. Motz

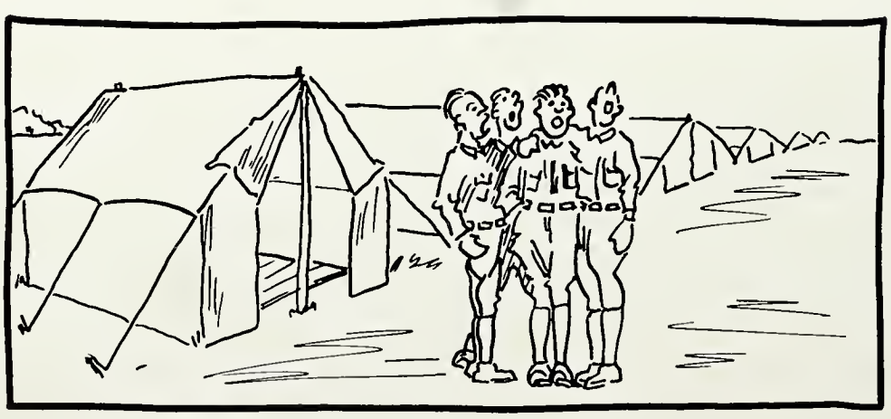
Cadet Captain and Battalion Adjudant ..... John Nickel

Cadet First Lieutenant and Bn. Supp. Off. ..... A. G. Morrison

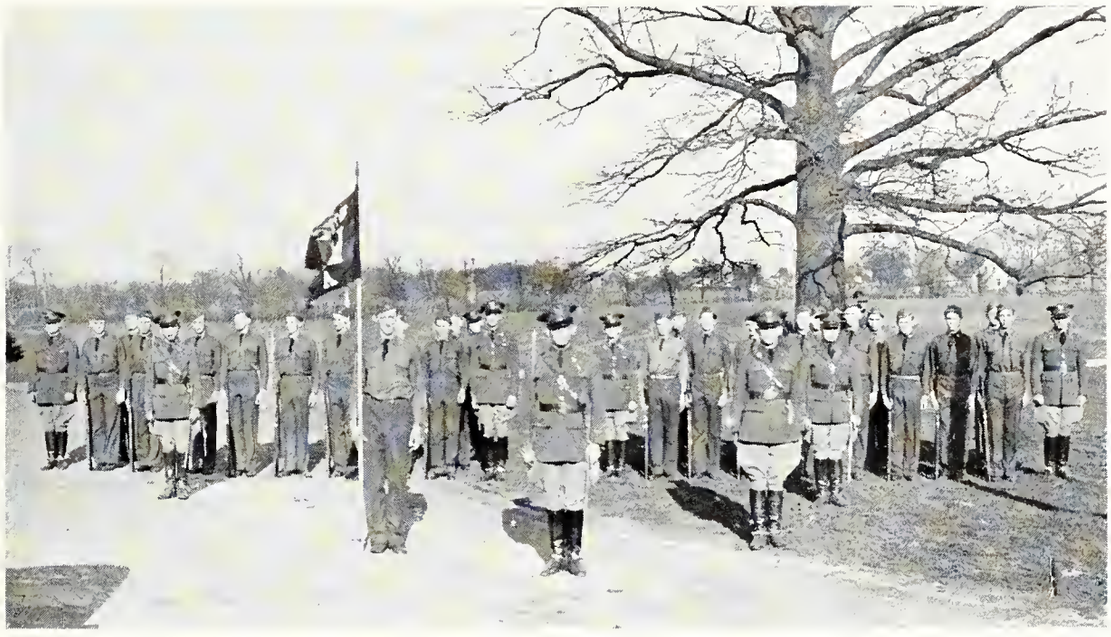
Cadet Master Sergeant and B. Sgt. Major ..... Earle Butler

The instructors in Military Science and Tactics are Captain Joseph Stevenson and Lieutenant Philip Garges, the attached officer is Warrant Officer Sylvester Kearns.

Senior officers not with companies, Cadet Captains Noble Blair and George Stark. Cadet 1st Lts. Steven Cauley, John Keller, Willis Biggs, and Jackson Landenberger.



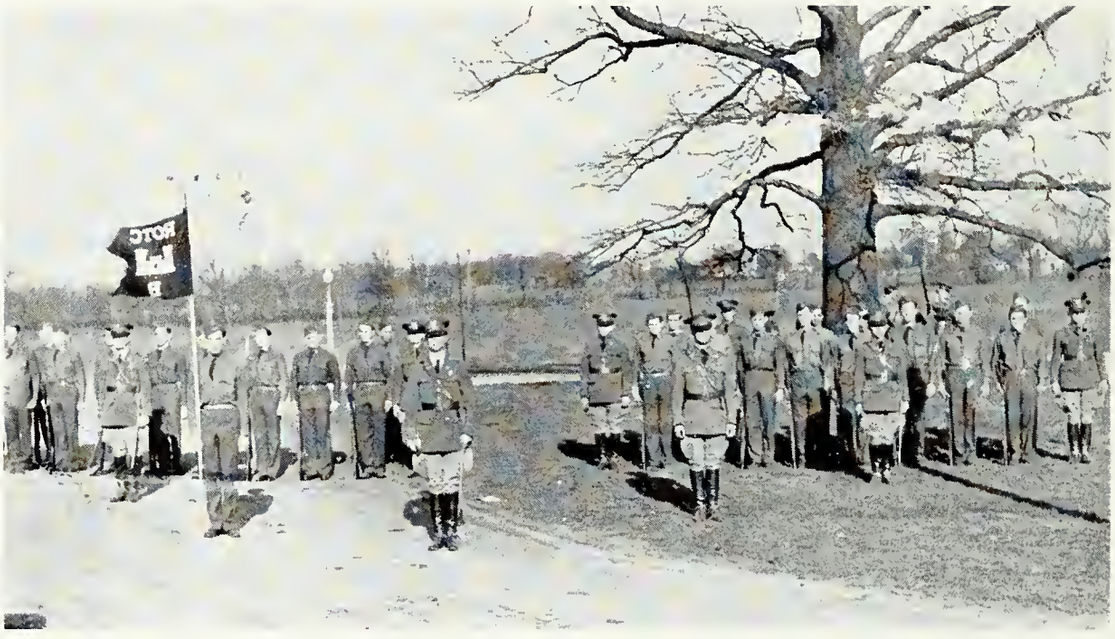
Company A



CADET OFFICERS

Captain	Albert Yates
First Lieutenant and second in command	J. I. Mason
First Lieutenants	Harry Douglas, Paul Smith
First Sergeant	Harry Richardson
Staff Sergeants	Arthur Hess, Albert James
Sergeants	Jay Hall, John Welsh

Company B



CADET OFFICERS

Captain ..... Harry McGurk

First Lieutenant and second in command ..... Rufus Danner

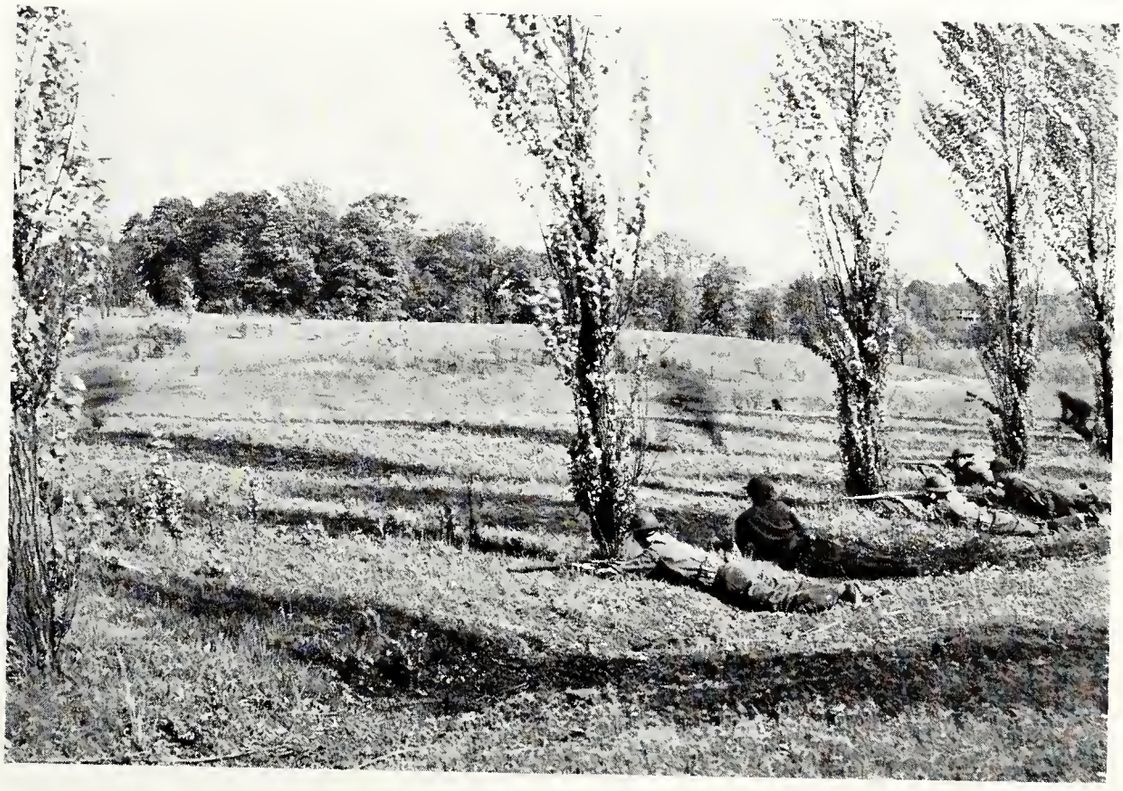
First Lieutenants ..... John Babillus, Bob Larsh

First Sergeant ..... Norman Cromwell

Staff Sergeants ..... William Pratt, Harold Rientges

Sergeants ..... Hayden Richardson, Nelson Trusler

Battalion Parade



Combat Problem

"It's a hurry call. The baby's choking on an apple!" said the plumber, Rose '92.

Myers: Hey fellows, did it turn red or is it blue?

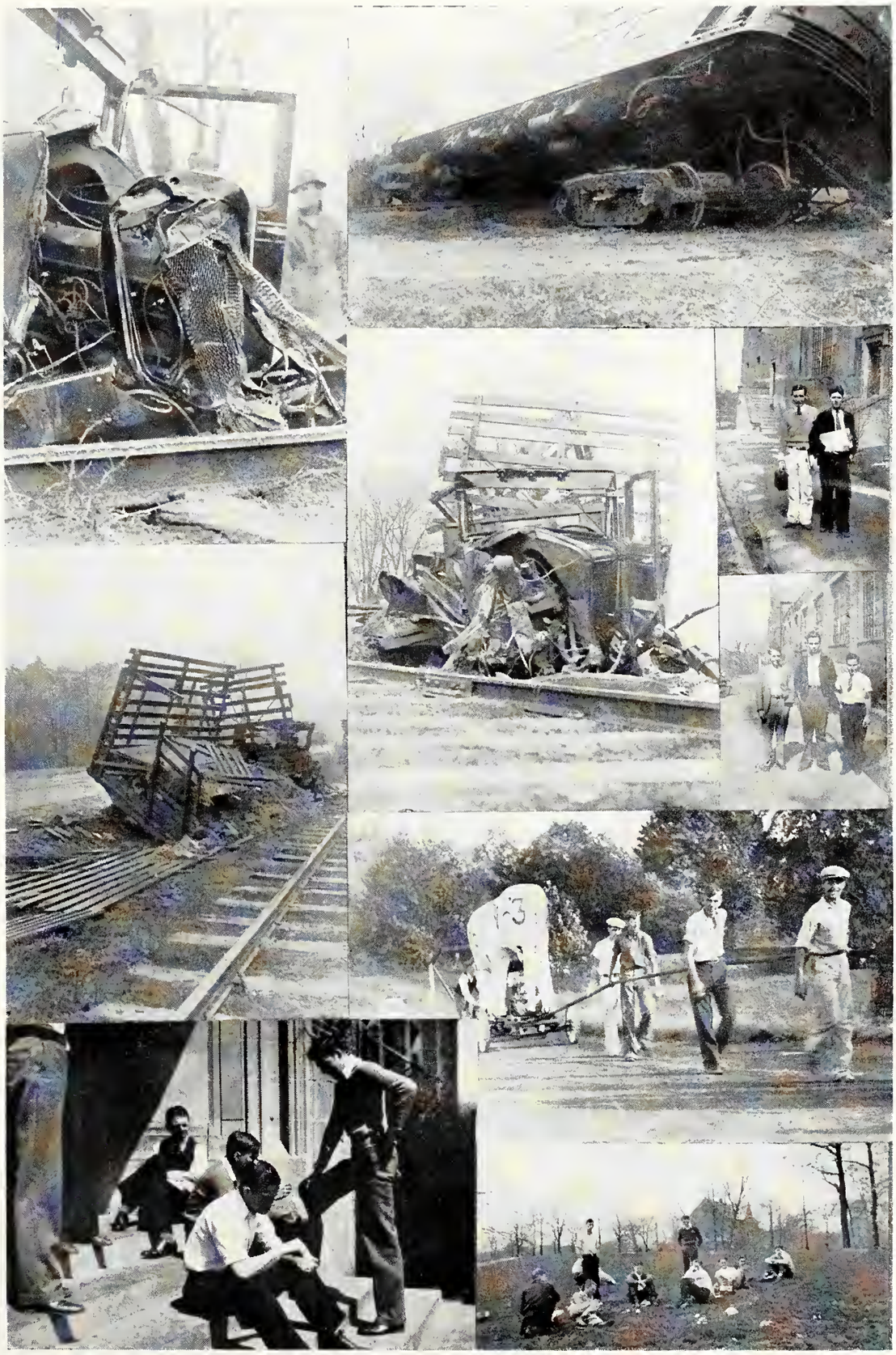
Mural motif suggested for the interior of the proposed smoking room. (Executed in asbestos.)

Lady Esther, R.P. Campus Queen, '34.

Here's how "Duck" Raines got his name.

The correct classroom attitude for obtaining an "A" in any lecture course.

Mattingly.



Athletics

ROOSEVELT

Athletic Association

The athletic board consists of two members elected from the four classes in school to which the student management of athletics at Rose is invested. The athletic board elects its president, who has a seat on the Student Council, and a secretary. The athletic board controls athletics in all forms and is entrusted with the care of the athletic grounds and equipment. Also, upon the recommendation of the coach, the athletic board awards the letters and sweaters. The officers this year were:

LANDENBERGER ..... *President*

FOX ..... *Secretary*

Coach Brown

Coach Phil Brown, known to all the students as Coach, was graduated from Butler College in 1923, after starring in three major sports. Football was and still is, his favorite sport, and it is the love for this sport that has contributed much to his success as a Coach. Before coming to Rose Brown had coaching experience at Marshall, Illinois, high school, Multnomah Athletic Club of Portland, Oregon, and Washington College at Chestertown, Maryland. At Rose, Brown has had much success as he has built up the reputation of its football teams until they are now on a par with any secondary team in the state. This past season has been a tough one, losing every game, but judged over the last four years Rose has had a most successful record.

Coach is one of the few coaches in the game today that has the ability to suit the style of play to fit his material, and it has been this ability that has put Rose in the limelight. It takes a man of tact and mental fortitude to keep such discipline and yet command the respect of such small squads as he had at his disposal. In appreciation of his faithful and conscientious work Brown was awarded an "R" this past fall.

Under Brown's administration intramural athletics have been fostered. He is also leader in any activity which confronts either the school or the Community of Terre Haute. During the past year he was publicity manager for the Rose Show and also had charge of the government F. E. R. A. work at school this spring, and in these jobs he maintained the unserving loyalty that characterizes him on the gridiron. He is a leader, and yet, the servant of the students.

Rose Tech's 1933 Football Squad

"The Fighting Engineers" team never more fully deserved that name than did the 1933 edition of Rose Tech football squad. The team despite repeated setbacks came into each successive game as if they had a clean slate and were battling to keep it unsullied.

When Coach Brown began to piece together his team in the spring practice, he seemed to have a combination that would click. Then, with the end of the spring semester four varsity letter men and two reserves, all linemen, were declared ineligible for competition. This was a blow to the team's morale.

"Coach" was then faced with the problem of building a team out of inexperienced material, and as a result, he was forced to do a great deal of experimenting and shifting with his men in order to hit upon a winning combination. He seemed to have done this on several occasions only to have the team let up momentarily and permit their opponents to make the winning score. We only hope the future Rose teams display the fighting qualities and fine sportsmanship the way that the team of this year has done.

Varsity Football Records

1933 Football Schedule and Results

Rose	0	Oakland City	19
Rose	6	Hanover	12
Rose	6	Wabash	20
Rose	0	Evansville	19
Rose	0	Franklin	20
Rose	0	Gary	12
Rose	13	Earlham	46
Rose	19	State	38

The first game of the season showed indications of what a handicap inexperience was to be for Rose, as Oakland City upset the Engineers in the opening tilt by the score of 19 to 0. In the next two games Rose looked 100% better, and played their opponents to a standstill. In the second game of the season Rose was defeated by Hanover 12 to 6 after holding the strong Hilltoppers for three-quarters of the game only to have a couple of long runs pull the game out of the fire for Hanover.

In the third game of the season Rose probably played their best game of the year for they led Wabash 6 to 0 the first half and continued to outplay Wabash throughout. It was only the breaks of the game that won for Wabash 20 to 6. In the next game with Evansville, as is usual, Rose played a listless game and Evansville was returned the winner by a 19 to 0 count.

Rose's next two games were on the road and again the Engineers took it on the chin, first by Gary 12 to 0 and then by Earlham 46 to 13; however they did not stop fighting back but were just playing heavier and more experienced teams. In the last game of the season, Rose played their traditional rivals Indiana State at the Stadium. Although the score was doubled on the Engineers, the entire Rose team deserved a lot of praise for their fighting as they did against the highly touted Normal squad.

Capt. Landenberger Capt.-elect Richardson

Captain Jackson Landenberger, performing for his third year as a regular, was one of the best centers ever to don a Rose uniform. He was an inspiring leader, for during the past season he was always to be seen bobbing in and out along the line of scrimmage bringing the ball carrier down. Captain Landenberger was very modest on and off the field, and it was the quiet efficient manner in which he accomplished things that commanded the respect of his teammates; it will be a difficult matter to find another man to take his place that will be so well liked and respected as was "Landy".

Captain-Elect Richardson

"Rich" has been one of the most valuable men on the Rose squad for the past three years. He has lots of natural football ability and has performed in spectacular fashion in every position in which he has played. Like Captain Landenberger he was mentioned on several all state teams the past year. In addition to being a deadly tackler Harry has the habit of gently outwitting the opponents. It may be said that if the remainder of the squad follows his example of aggressive playing, the team will be in for a good season next year.

Yates, one of the few graduating lettermen on the squad, was one of the best ends on the team. His best game was the Gary game.

Laughlin, another second year man on the squad was the quietest fellow on the team; but Ray was always in the thickest of things throughout.

West, playing his first season for Brown at one of the end positions, showed up well as a defensive player.

Maehling, despite his injuries, performed in a most creditable manner at one of the guard posts.

Lyons, one of the best blocking guards on the team was another junior to muscle into a spotlight his first year out.

Wodicka, an end, caused many an opposing player much trouble. He has three more years.

Bill Eyke was not only the biggest guard on the squad, but a mighty hard worker.

Tucker, who played either guard or center was a man that could be depended upon to fight it out with his opponents.

Hufford, a sophomore quarterback, was a mighty good man to back up the line as well as to direct the team while in action.

Bard, serving his first year on the varsity was the other quarterback who barked signals for Coach Brown. He hails from "Brazil".

Colburn was Brown's most versatile linesman as he played every position at some time during the season.

Leitzman just finished his third and last year as a tackle for Rose. His bulk and ability to kick off will be missed next year.

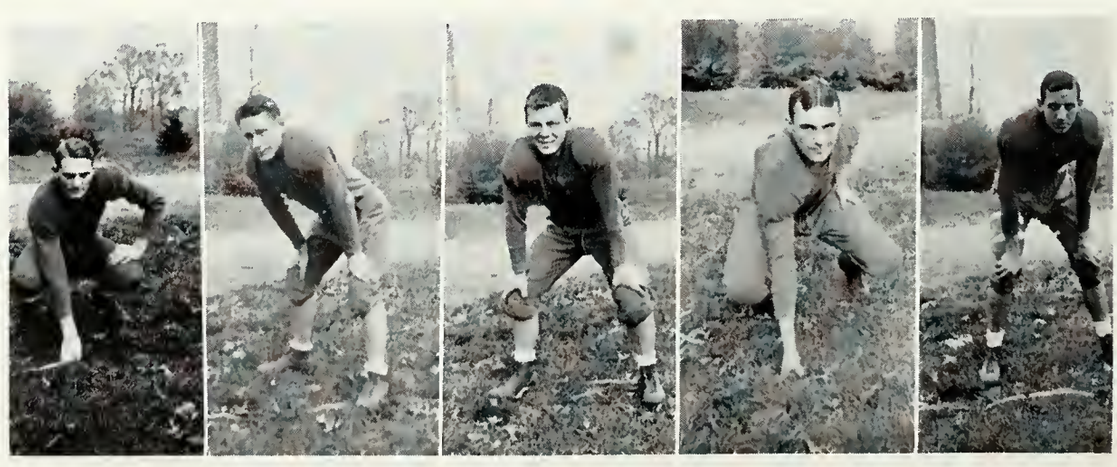
Newsom was a tackle that showed what advantage tremendous qualities of staunch fighting courage can be made up for lack of weight.

Steve Cauley, a senior, was the hardest driving full back on the team. He had a plunge like a fast moving coal wagon.

Fox, a freshman, turned in a very successful season as a fullback on Brown's eleven.

Cavanaugh, won a letter last year in the line and he repeated again this year. He always plays his best against Wabash.

Sentman could always be depended to gain ground when he carried the ball.

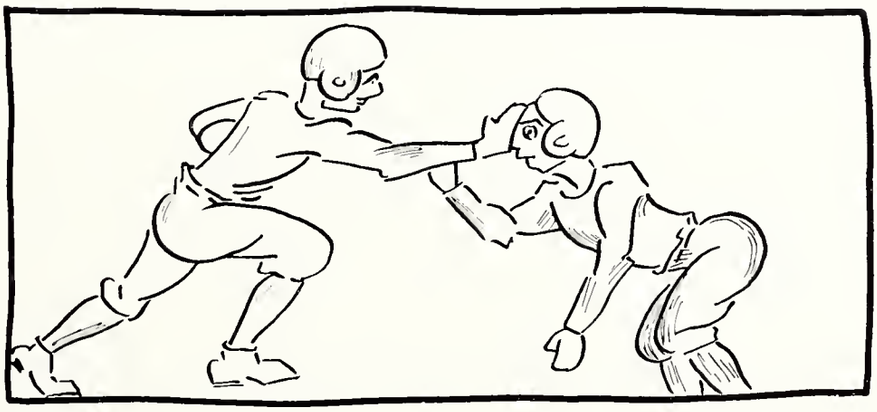


Tait, is a big burly boy that will be back again next year to fill one of the tackle posts.

Scotty Campbell was about the best ground gainer Coach Brown had; he, also did a considerable amount of punting.

Forte, a second year letter man, who hails from Clinton, was Rose Poly's triple threat man.

Last fall a change was instituted in the football managerial staff. In former years there was only one senior manager, but as the duties become manifold it became necessary to have additional help so this year two managers were awarded letters. The two capable men this year to get their letters were McGurk and J. Welsh.



Golf and Tennis

Rose innaugrated two new varsity sports this spring, namely, golf and tennis. Both sports are very popular with the student body, and at the time of this writing, the season being too young to foretell, it may be safely predicted that they will come through the season with flying colors.

The tennis team is composed mostly of players who played several years in the intramural tournaments held at school.

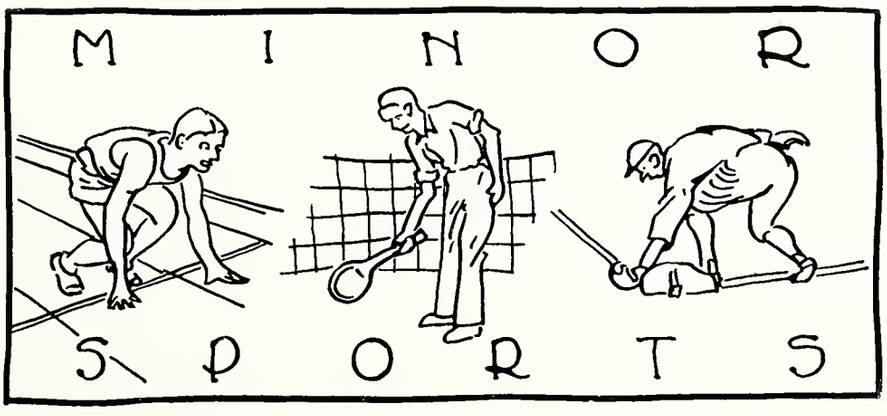
Straw, the intramural singles champ from last year, is the number one man on the team, and the other members are Ritter and Montgomery.

The Engineers started the season out in a burst of glory by trouncing Eastern Illinois State Normal 6 to 0; therefore, we are looking for big things from our tennis team.

To date the golf team has not had a match so we can only predict that the golfers will perform in a most satisfactory manner. In Reintjes, Engle, Cauley, and Jacobson Rose has a quartet that will be hard to down.

Intramural

Working with the idea that every man in the school should participate in athletics, Coach Phil Brown directed intramural activities for the past year. To insure the fulfillment of this modern idea of participation for all, individual medals were offered for winners in the various branches of sports. Not only did the winners receive these medals, but many members of the "also ran" teams were awarded, for Coach Brown pointed out it was his idea to have every student leaving the school not only with a diploma, but also with a medal.

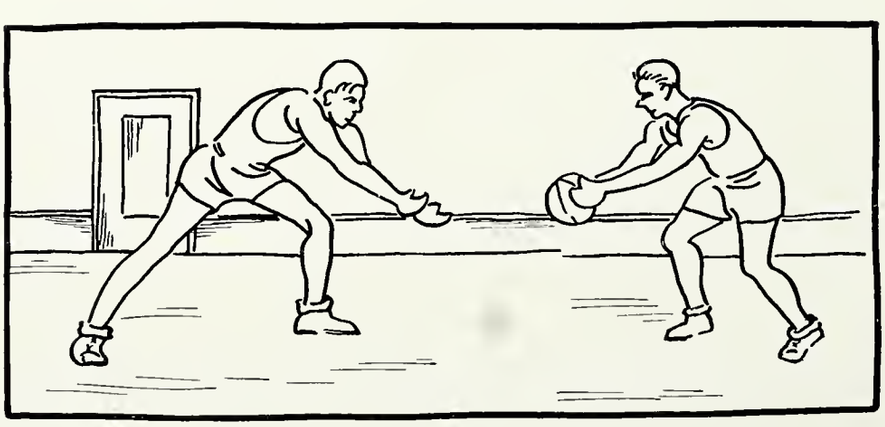


Basketball

In accordance with the intramural athletic program Rose had another successful basketball league under the direction of Coach Phil Brown. This year there were six teams in the league which were composed of two each from the Civil and Mechanical departments and one a piece from the Electricals and Chemicals. The Civil B, the champs from last year, repeated again this year, but only after a hard fight with the Mechanical A's. After the regular season was closed a tournament was held and again the Civil B's showed their superiority by defeating all comers. The intramural play was marked by some very fine basketball and it is hoped that some of this material may be allowed to perform again on the hardwood next year for Rose.

The final standing of the league:

Civil B	10	0	1.000
Mechanical A	6	4	.600
Mechanical B	5	5	.500
Chemicals	4	6	.400
Electricals	3	7	.300
Civil A	2	8	.200



Baseball

Baseball is a spring sport that affords all the men in school an opportunity to get outside once more, and engage in friendly competition. A spring baseball league consisting of one team from each of the four departments has been formed and every thing is going in full sway. All the games are played in the evening, starting at 4:00 P. M. and last seven innings or less.

The Chemicals are the defending team champions, but at the time of this writing the Civils are out in front.

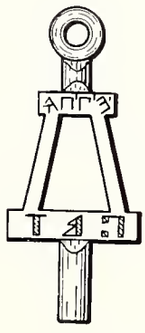
Tennis

Intramural tennis has proved to be the most popular of intramural sports, and the interest is even more intense this year. The success of this sport among the students caused Coach Brown to organize a varsity team which has also proven a big success. Nearly every one in school enters the tournament, so nearly always there is a dark horse sure to appear, therefore, the outcome is quite uncertain. The tournament is just getting under way so it will be some time before the new champs will be crowned. Straw, the single champ, is playing varsity tennis this year so it is likely that a new one will be crowned. In the doubles, Fisher, one half of the team of Engle and Fisher graduated, so again a new champ will be crowned. May the best men win.

Track

As has been the custom for the past several years Rose is to have the annual intramural track meet between departments. The Mechanicals are the defending champions this year and there is sure to be much rivalry among the other three departments to dethrone the "grease monkeys." The list of the events to be held are as follows: 100 yard dash; 220 yard dash; 120 yard low hurdles; high jump; broad jump; shot put; javelin throw; discus; one quarter mile relay and one half mile relay. The winner of the first place events are to be awarded gold medals; second place, silver medals; and third place, bronze medals.

Fraternities



Alpha Tau Omega

Sigma Nu

Theta Xi

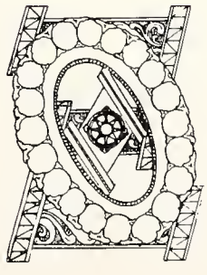
Theta Kappa Nu

Tau Beta Pi

Blue Key

Alpha Chi Sigma

Tau Nu Tau



Alpha Tau Omega

Founded at Virginia Military Institute, Lexington, Ky., 1865.
Indiana Gamma Gamma installed at Rose, 1893.
94 active chapters.

Noble Blair
James Brown
Jack Foulkes
John Keller

Clifford Lamb
Lyle Maehling
Frank Mansur
John Moore

Albert Morrison
Harry McGurk
Jack Nickel
Arthur Teumler

Gene Zwerner
Robert Asbury
John Bradley
Gordon Burt

Norman Cromwell
John Cushman
William Eyke
John Hager

Louis Lyon
Burril McIntyre
Bert Pearce
William Pratt

Virgil Shaw
Ernest Welsh
John Welsh
Fred Wiles

Alpha Tau Omega

FACULTY MEMBERS

Carl Wischmeyer Benjamin Pine

Francis Blair
James Campbell
William Creal
Harry Garmong

Raymond Laughlin
Edward Leever
Paul McKee
Carroll Merriman

Albert Mewhinney
Wilmont Moore
Daniel Overholser
Neil Salisbury

Warren Sentman
Joseph Walker
Robert Averitt
Edd Coons

Clyde Cromwell
Earl Cromwell
Paul Giffel
Walter Juntgen

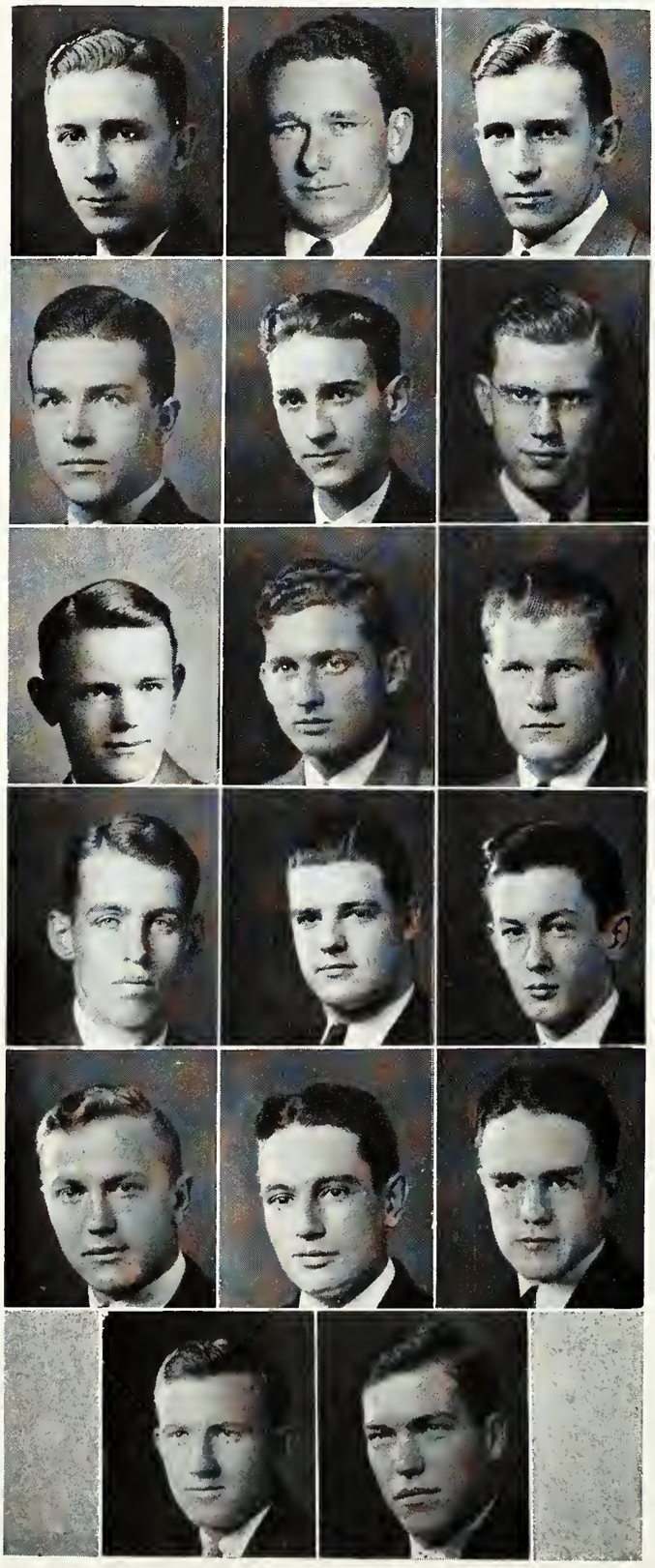
Howard Mohr
Charles Rich
John Richardson
Robert Sears

Walter Snedeker
John Stineman
Warren Tappan
Carl Wischmeyer

Louis Duenweg, William Kasameyer

Sigma Nu

Founded at Virginia Military Institute 1869.
Beta Upsilon Chapter installed at Rose 1895.
99 chapters.



William Belstrom
Stephen Cauley
Brent Jacob

Jackson Landenberger
John Mattingly
John Ritter

Albert Yates
Earle Butler
Ewing Carrico

Deforest Colburn
Jay Hall
Ezekiel Hamilton

Louis Heck
Bernard Melton
Carl Nelson

Hayden Richardson
Harry Richardson

Sigma Nu

Byrne Terhorst
John Mann
Samuel Tait

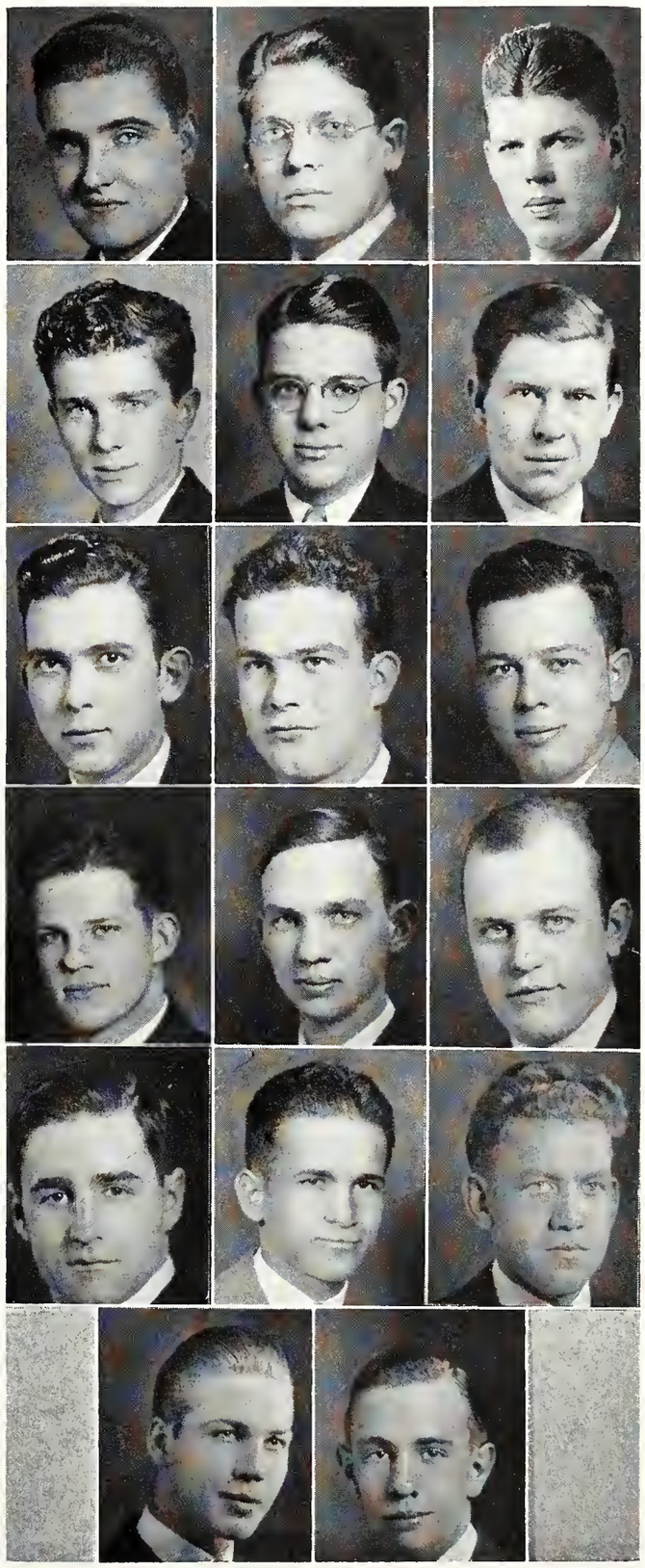
William Batman
Frank Blount
Lawrence Carroll

Stanley Cox
Roland Donie
John Fox

James Hatcher
John Heltsley
John Jacobson

Paul Kristan
George Landenberger
Burt Raynes

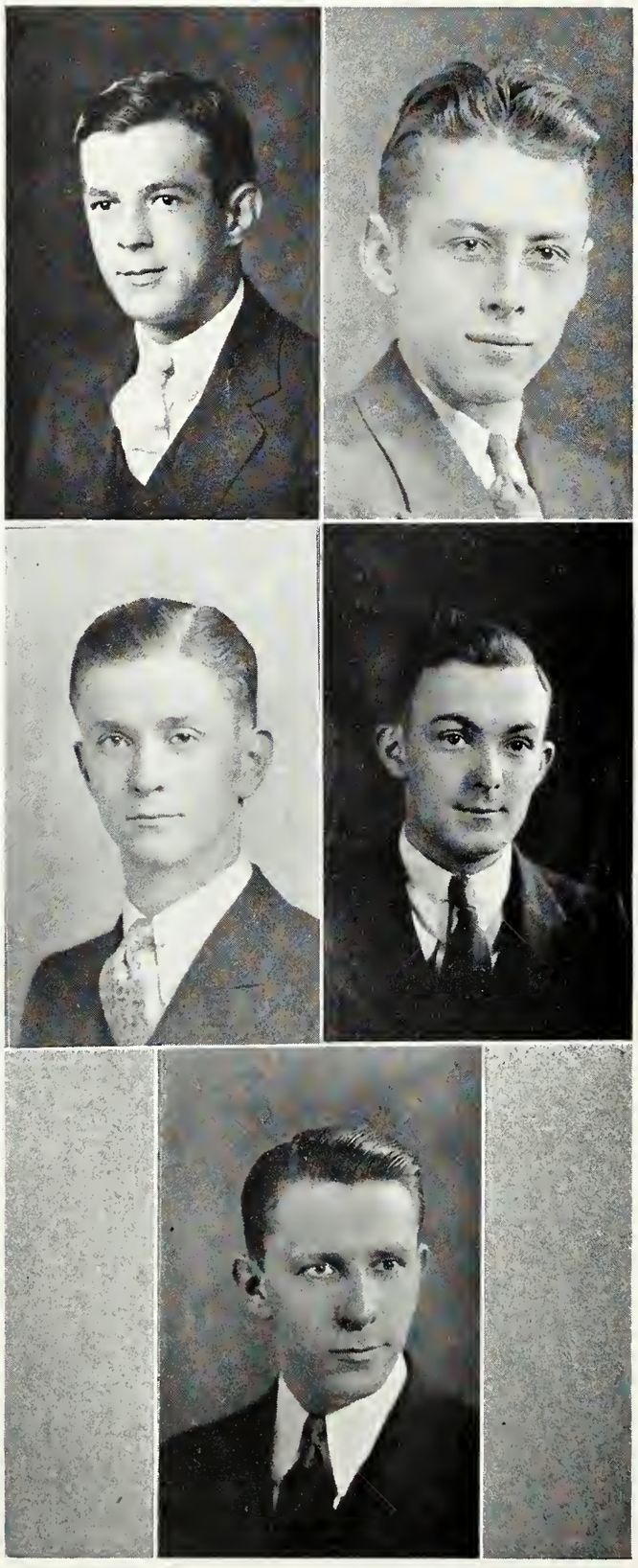
John Ricketts
Rhinman Rotz



Richard Spain, Herman Taylor

Theta Xi

Founded at Rensslear Polytechnic Institute, 1864.
Kappa Chapter installed at Rose 1907.
33 chapters.



Albert Bard

John Mayrose

Emerald Newman

Carl Price

Nelson Trusler

Theta Xi

Norman Tucker

Donald Hehman

Ben Courtney

Thomas Wells

Robert White

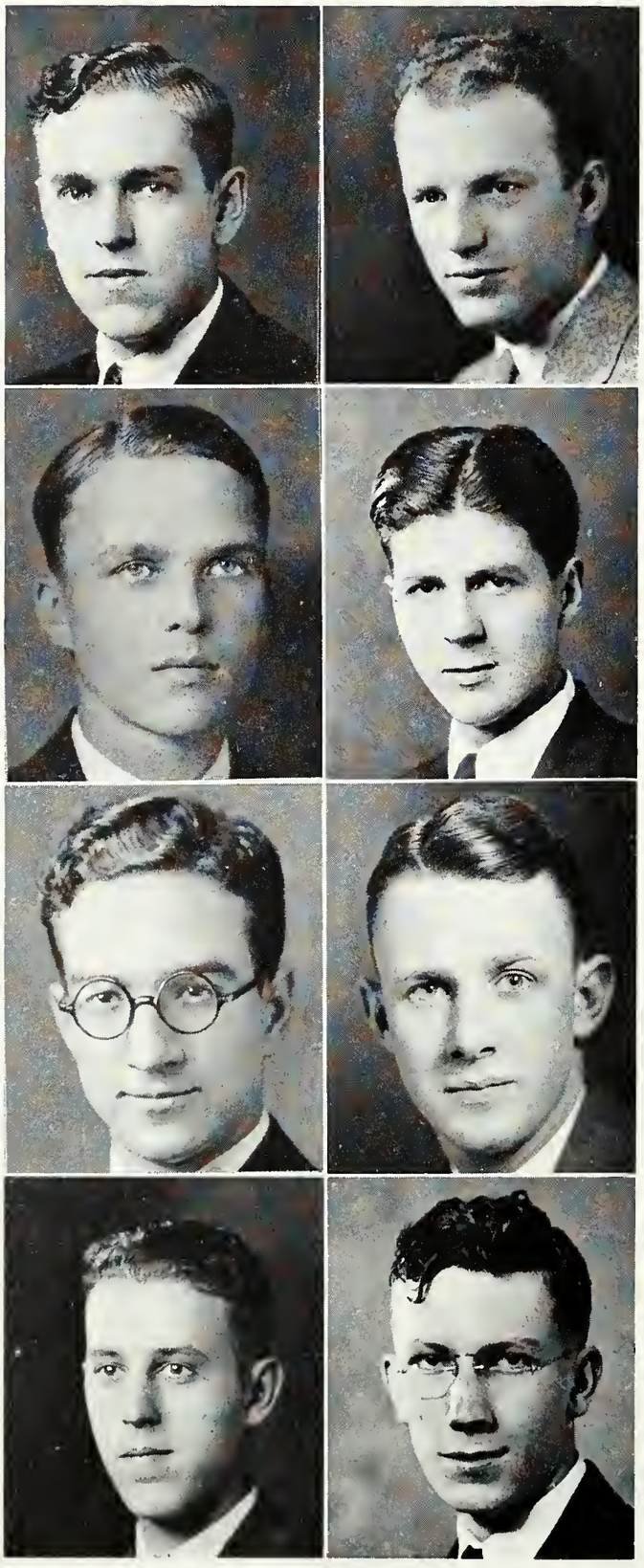
Morris Smith
William Huff
Lyon Utter
Philip Cartwright
John Brannon

Milton Kroesch
Robert Marks
Eugene Mueller
Herbert Lyon
Fred Modesitt

Theta Kappa Nu

Founded at Springfield, Missouri, 1924.
INDIANA GAMMA Installed at Rose 1925.
52 chapters.

Faculty Member—ORION L. STOCK



RUSSELL ARCHER

WILLIS BIGGS

RUFUS DANNER

HENRY FICK

PAUL FROEB

MARSHALL POWELL

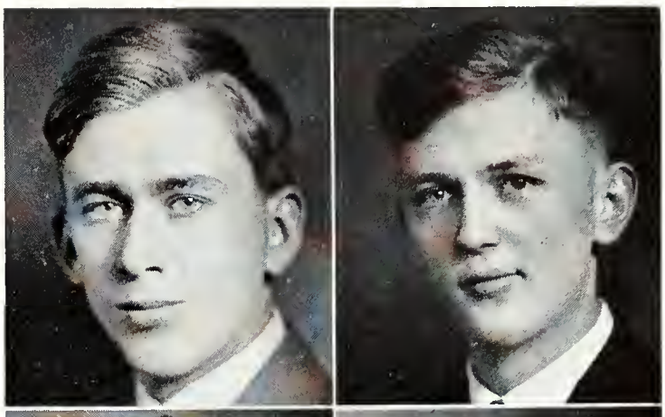
JOHN FULLER

ROBERT SELF

Theta Kappa Nu

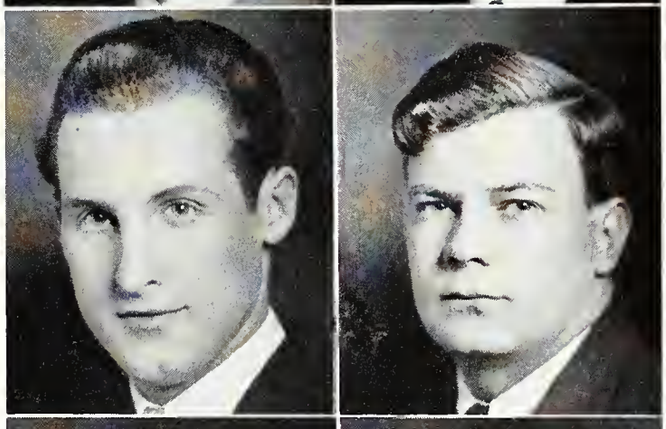
Paul Bennett

Raymond Harrod



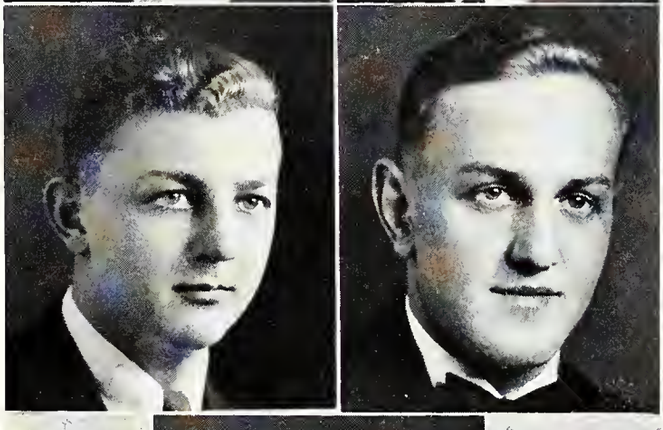
Charles Evinger

Eugene Wilber

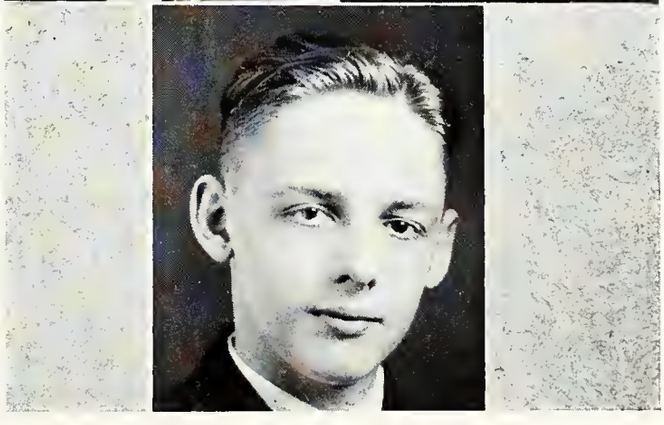


Richard Metz

James Hughes



Harry Halberstadt

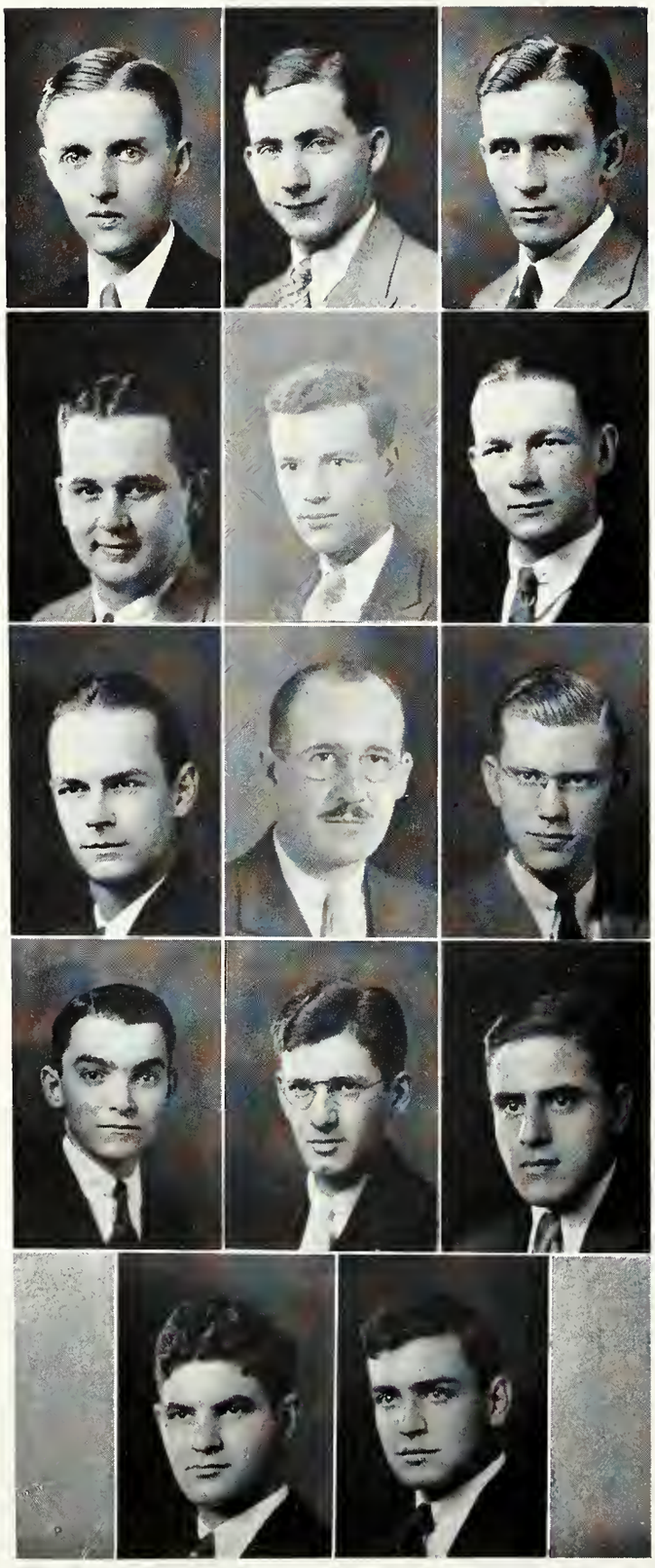


John Whitesell
Joseph Dillahunt
Alden Foley

Duane Ford
Alechi Garzolini
Robert Lindsey

Tau Beta Pi

Founded at Lehigh University, 1885.
Indiana Beta Installed at Rose, 1928.
63 chapters.



James G. Brown
Howard Barnes
Brent Jacob

John Keller
Harry McGurk
James Mason

John Moore
Robert Motz
John Ritter

Richard Toner
Maurice Tucker
William Eyke

Arthur Hess
Albert McEowen

FACULTY MEMBERS

Donald B. Prentice
Harve N. Chinn
Orion L. Stock
Carl Wischmeyer
Henry C. Gray
R. L. McCormick
Herman A. Moench

Blue Key

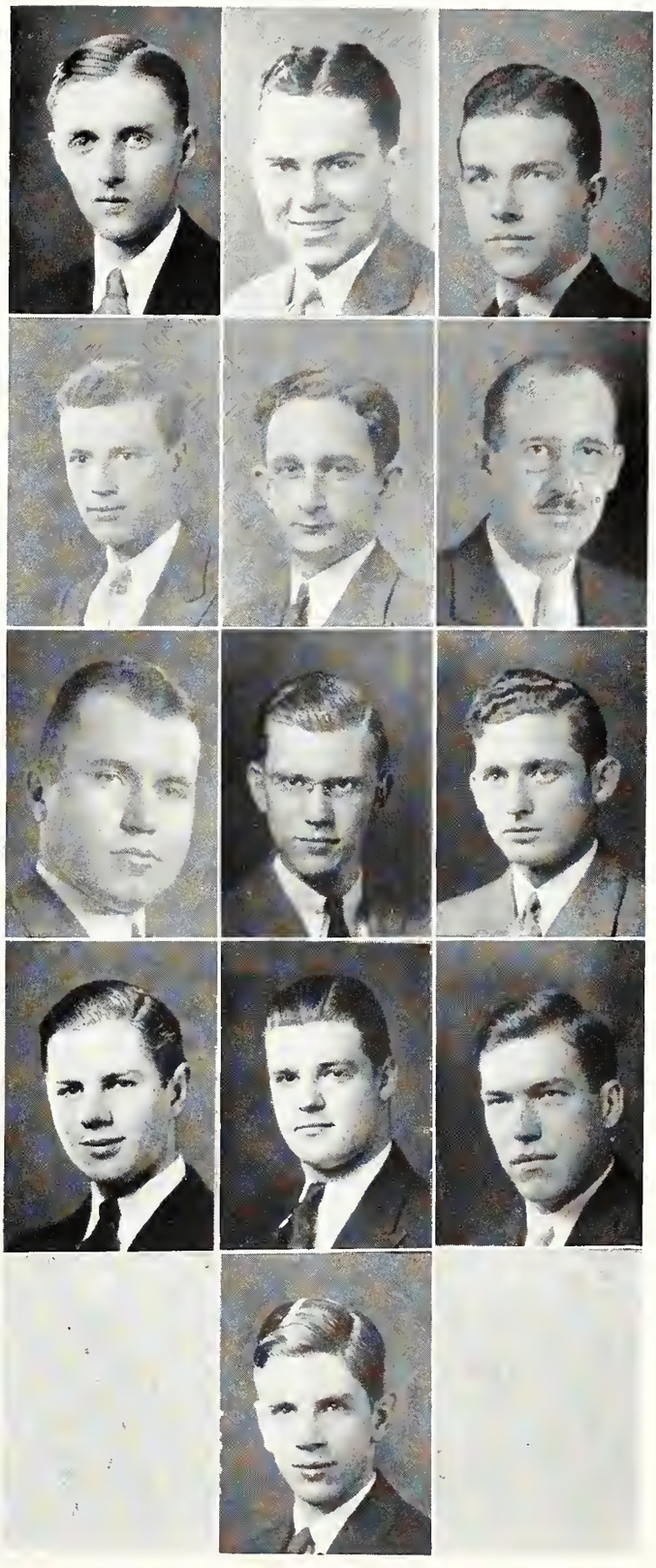
James Brown
Jack Foulkes, Jr.
F. Jackson Landenberger

Harry McGurk, Jr.
Frank Mansur
Robert Motz

Howard Stadermann
John Ritter
Earle Butler

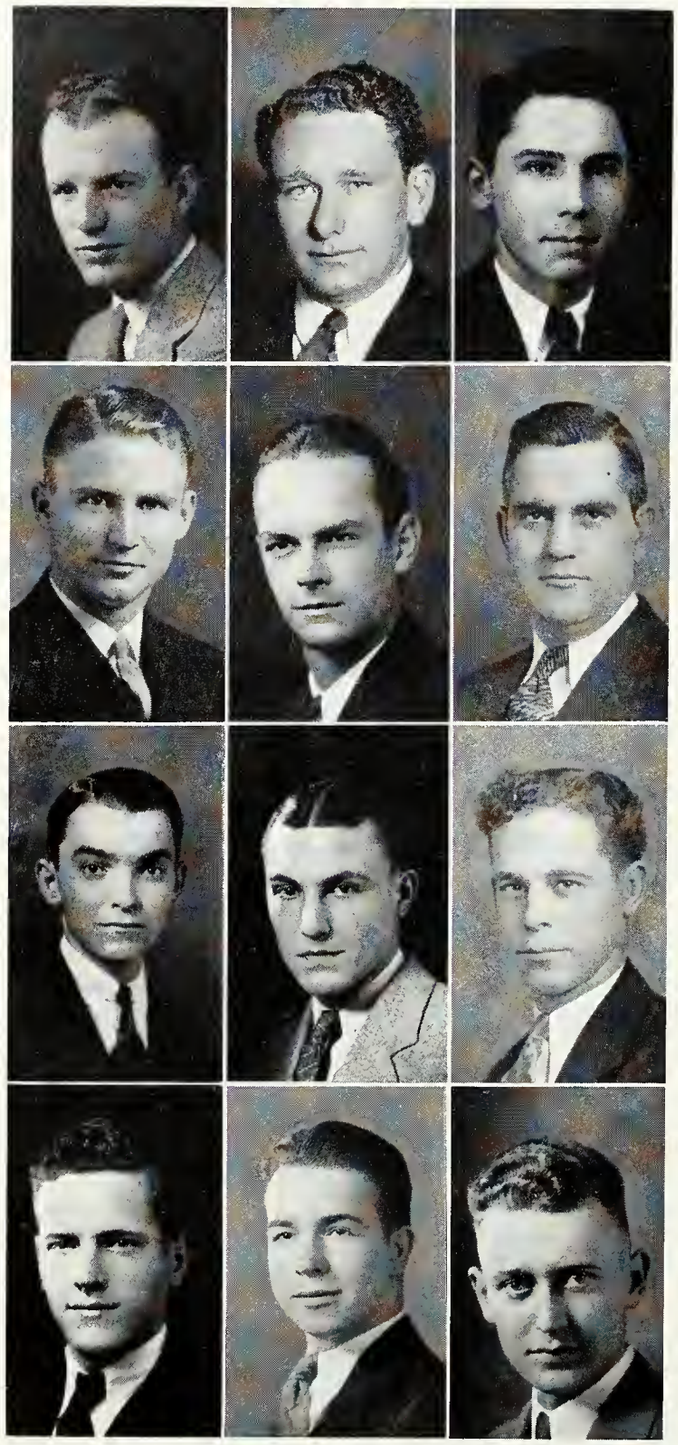
Gordon Burt
Jay Hall
Harry Richardson

Fred Wiles



Alpha Chi Sigma

Founded at University of Wisconsin, 1902.
Iota chapter installed at Rose, 1909.
49 student chapters, 11 professional chapters.



Willis Biggs
Stephen Cauley
Henry Douglas

Edward Ketchum
John Moore
Paul Smith

Richard Toner
George Cavanaugh
Norman Cromwell

John Hager
Louis Lyon
Joseph Weaver

Alpha Chi Sigma

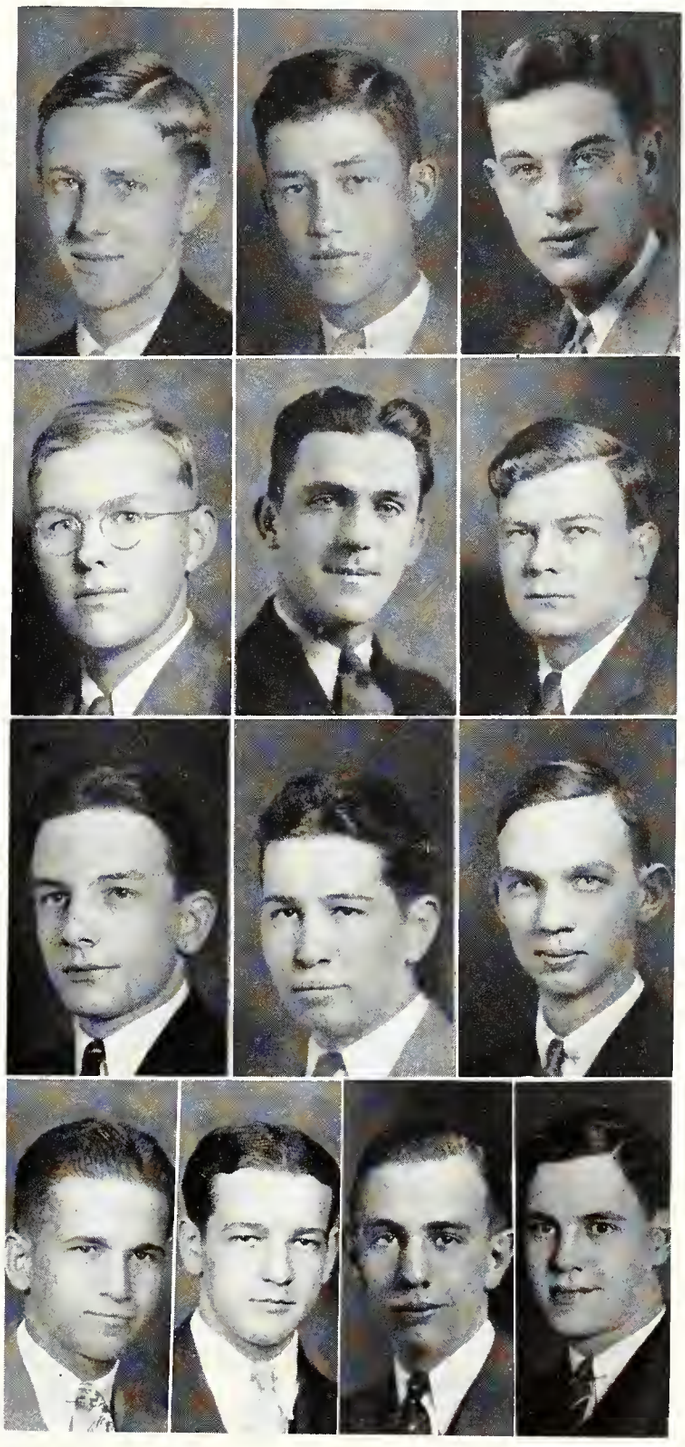
FACULTY MEMBERS:
JOHN W. WHITE EDWIN W. MANN ALFRED T. CHILD

WILLIAM CREAL
HARRY GARMONG
DANIEL OVERHOLSER

NEIL SALISBURY
JOSEPH WALKER
EUGENE WILBER

EDWARD COONS
BENJAMIN COURTNEY
JOHN HELTSLEY

GEORGE LANDENBERGER
CHARLES RICH
RHIMAN ROTZ
ROBERT SEARS



Tau Nu Tau

Founded at University of Illinois, 1929.
Rose chapter installed 1930.
3 chapters.

John Babillus
Willis Biggs
Noble Blair

Stephen Cauley
Rufus Danner
Henry Douglas

John Keller
Jackson Landenberger
Robert Larsh

James Mason
Robert Motz
Jack Nickel

George Stark
Paul Smith

Tau Nu Tau

FACULTY MEMBERS
Capt. Joseph H. Stevenson
Lt. Philip R. Garges
Mr. Sylvester Kearns

Albert Yates
Earle Butler
Norman Cromwell

John Hager
Jay Hall
Arthur Hess

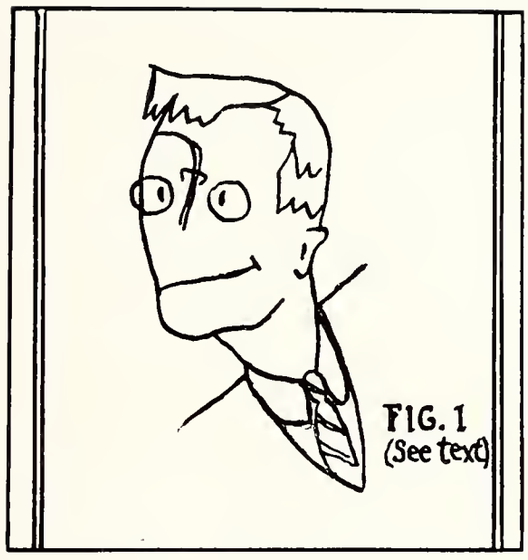
Albert James
Burril McIntyre
William Pratt

Hayden Richardson
Harry Richardson
Harold Reintjes

Nelson Trusler
John Welsh

Harry McGurk, A. G. Morrison

Humor



DEDICATION

Not to be outdone by the Editor in Chief of this whole book, we hereby dedicate this Humor Section to Dr. Donald B. Prentice, our silver mounted President! (See Fig. 1) Going on from there we wish to double dedicate these vaporings to our inspirer, the author of the Original Joke. The name of this eminent leader is unknown but his joke, known lovingly to every one above the fifth grade as "Old Chestnut" has lived on as an inspiration to countless Humor Editors.

Up until a few years ago "Old Chestnut" was supposed to have originated shortly before the glacial period in Europe but recently the oldest known Egyptian Tomb was opened and the delicately inscribed characters on the coffin of the deceased (who, oddly enough appeared to have been beaten to death) were deciphered and found to read:

Question: Who was that lady I seen you with last night?

Answer: That wasn't no lady, that was my wife.

Yes, everybody is familiar with his works, but we believe that we are the first to render him due homage.

We see by the papers that Phil Brown captured a burglar. The local papers carried an item to that effect mentioning that our hero pursued the bandit down a dark alley and subdued him single-handed. A sentence further down in the story to the effect that the bad fellow was fifty-five years old gave rise to the comment from one of the lighter minded brethern that Phil probably kicked the old boy's cane from under him and then found him easy to subdue. Honest, I heard another guy make that wise-crack.

The Mae West influence is still rampant at our school. In Heating and Ventilating class the other day Prof. Wischmeyer remarked that although wrought iron piping had been practically replaced by cheaper kinds, "it could be had."

Lot of fun at the Rose Show. Bard was running the concrete tension machine and breaking them nicely at about three hundred and fifty pounds when he ran into one that merely cracked and refused to be pulled apart. He removed the briquette, blushed prettily and remarked to the awed bystanders, "This is very unusual." A postmortem on the sample revealed that a nail had been placed in the form when it was cast, giving the sample a remarkable resistance to tension. For some reason, suspicion rested on Mattingly (I knew I'd get my name in this) and Motz, so the professors took turns giving us the razzberry during our demonstration of our method of attaining an instantaneous speed.

The Purple Vulture Onery Society announces its motto as "Down with the school, down with the government, down with all constituted authorities, in fact down with everything." If they'll carry that idea out to the nth place they'll also add, "And down with the Purple Vultures," and not a bad idea.

Here's one for my old friend Sarge to resent. As one of these passanger planes slid over the campus Phil Brown ran for cover, shouting, "Duck, everybody! There might be an army pilot flying that!"

Advice to new students—The only pipe course in this school is the one they call "Hydraulics."

After one of those interminable and educational talks of his in Hydraulics, Prof. Hutchins wound up. "Now are there any questions?" A bored youth remarked, "Yeh, what time is it?" Did they laugh! No indeed, for after all we go to school here and have heard that pulled dozens of times.

I'll admit it before you hear it from someone else. In one of these laboratory classes I was working one of these quantitative mixtures of cement mortar in which it was necessary to dry all of the water out of the sand and gravel and measure the ingredients carefully. Wanting to do it perfectly, I asked Thompson if I should dry the cement too. Do you get it? Neither did I until he asked me if I was sure I had cement there, and upon receiving an affirmative remarked that in that case the cement was dry for if it had been wet it would have set into concrete. It's wonderful what one can learn at college.

Piety is shaping up nicely. At first he tried to be firm with the lads and they were a little difficult but he won over most of the class in one session. It was a legal question, involving A and B, of course. The point was the defination of statements as "facts" or as merely "matters of opinion." Larsh was asked if the automobile dealer's statement that this second hand Ford was good for one hundred thousand miles yet was a statement of fact or if not what. The handsome youth handed down the decision that to him that statement was hooey. Piety leaned forward, gazed at Larsh interestedly and asked, "Ah yes, but what is the legal term for such a statement?"

The Blue Key society suggests that we begin calling our school Rose Tech instead of Rose Poly. May I rise to suggest in the inimitable Jacob manner that a Rose by any other name would smell as sweet?

THE

MODULUS

ROSE YEAR BOOK

Published by

The

Moore - Langen

Printing & Publishing Co.

140 North Sixth Street
Terre Haute, Indiana

Compliments of

FRED N. KADEL

Distributors of

BEICH'S CANDIES

HATS AND MEN'S WEAR

Foulkes Bros.

Quality and Service

11 North Sixth St.

Compliments of

Coca-Cola Bottling Co.

TERRE HAUTE, INDIANA

To get down to the crude stuff that youse guys like; It was in Masonry, as an opener, Harve snapped, "Engle, what is a foundation?" Overcome by the simplicity of it all Popeyes stalled instinctively. In my well meaning way I urged the boy to give an answer even if the question was silly and he finally came through. "Why, that's what it sits on." Not to be outdone in courtesy, or is it repartee, someone broke through the cheers following this answer to muse, "Pop Morrison has a broad foundation."

When Prof. Hutchins asked Swede to define "potable water" the boy came right back. "Why that means you can carry it, as a "potable phonograph."

Compliments

BLUMBERG REALTY COMPANY

The note Donie had on the bulletin board asking for the return of his lost keys was answered via the telephone by the Dean at Normal. They had been found under the Indiana State flag pole along with the broken remains of the flag rope. The story is that the wilder element of the Rose freshman class had planned to put a Rose flag on the pole and then cut the rope so that it could not be easily removed. All went well until they cut the rope, but then the Poly Flag fell. The bitter part of it, all was Donie's loss of his name tagged keys which gave rise to some embarrassment.

Once there were two identical twins. No one could tell them apart. They went through High School together and made identical grades. No one could tell them apart. Then one went to Normal, made straight A grades and Phi Beta Kappa. The other went to Rose Poly and flunked out in one semester. Still no one could tell them apart. (I read this one somewhere, of course.)

Just to prove my age I'm going to tell you about the good old days and my first St. Pat's dance. Before the evening had gotten well under way, our collegiate Larsh was leading the orchestra and Spud (Normal) Kruzan had socked Homer Fisher. What really burned me up though was that Gene Hartman had stagged the dance and talked me into letting him dance with my date. I finally found them again four dances later.

Such tricks played by our Freshmen as swiping the Forum stagecoach which the Forum pledges left outside of Wassel's while getting beers after a parade, finding the coach in the Rose Poly lake later, were the cause of Bert Pearce's refusal to wear the Rose Show Robot outfit up town without a large escort. I mention this in order to stop any rumors as to Bert's cowardice.

Editor: "What's the Humor Editor so grouchy about?"

Janitor: "He's afraid he can't get his copy in. He's lost his scissors."

Compliments of

T. H. Water Works Corporation

CLABBER GIRL
BAKING POWDER
can **10¢**
Never Fails on Baking Days

Manufactured by
Clabber Girl Baking Powder Co.
SUBSIDIARY OF HULMAN & CO.
TERRE HAUTE, IND.

Compliments of

THE TERRE HAUTE STAR—*Morning*

THE TERRE HAUTE TRIBUNE—*Evening*

THE TERRE HAUTE TRIBUNE AND STAR—*Sundays*

Terre Haute's Newest Bank Respectfully Solicits

Your Banking Business

DEPOSITS INSURED IN ACCORDANCE WITH THE

FEDERAL DEPOSIT INSURANCE ACT

The Merchants National Bank

TERRE HAUTE
FIRST NATIONAL BANK

TERRE HAUTE, INDIANA

Charter No. 47

COMPLETE
BANKING FACILITIES

Main Office
643 Wabash Ave.

Branch Office
511-513 Wabash Ave.

Holloway Studio

Photographers for the Modulus

Photographs of Distinction for
Discriminating People

The One Gift Always Appreciated

717½ East Wabash Avenue

Terre Haute, Indiana

Good Morning
Pure
Fruit Juices

Chas. W. Bauermeister
Company

Compliments of

Wabash Fibre Box Co.

Manufacturers of
CORRUGATED PAPER BOXES
Terre Haute, Indiana

Compliments of

THE ROOT STORE
WABASH AVE. THRU TO OHIO. TEL. CRAWFORD 4371

THE BEST PLACE TO SHOP AFTER ALL

Compliments of

Terre Haute Savings Bank

TERRE HAUTE, INDIANA

Established 1869

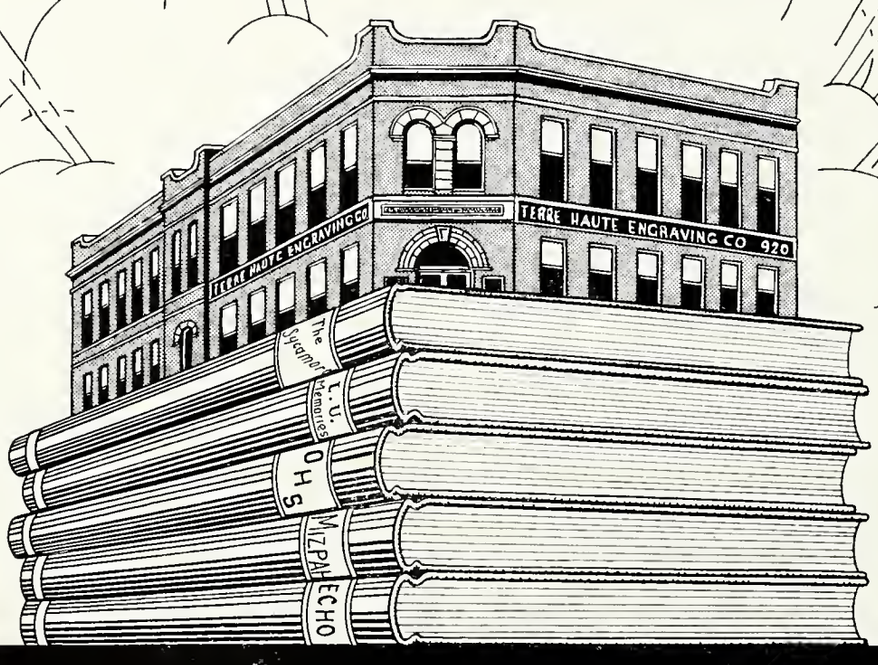
S. W. COR. SIXTH AND OHIO STREETS

As an explanation of my present position as the class clown, allow me to tell you a story. Years ago when I was a Freshman, we had a big pep session at the school opening the football season. Phil Brown led the responses, starting off with "Who's got the best football team in the mid-west?" The answer came thundering back, "Rose Poly". Then, "Who's got the best line in the mid-west?" As the students drew a deep breath to give the answer, I couldn't resist piping up "Coach Brown!" Coming in the dead silence it sounded much louder than I had expected, and the hall almost came down as the lads laughed, from the emotional let down from the "die for dear old Rose" furor. Gentlemen, that experience has blasted my career at Rose. I have never been able to make a sincere statement since, everyone refuses to take me seriously. I soon gave up the unequal struggle, and began to live for the day when I could repeat my success in this field into which I have been shoved.

I can't forget my first Military Ball. I took a blind date and my basic uniform. Despite these handicaps, (the date was keen) I had a very good time with the exception of the embarrassing moment when we ran the gauntlet of the receiving line and Lieut. Hoass shook hands with me, straightened my coat belt, whispered harshly, "Keep that buckle around in front!" and then said "How do you do" all in one motion.

This new chemical achievement of "dry water" which actually absorbs moisture should be a great thing for the hotels. Think of the towals they can do without now.

THE Enviable Reputation of the
TERRE HAUTE ENGRAVING CO.
has been built upon the Quality
and Consideration rendered to all
who have engaged our Services.



TERRE HAUTE ENGRAVING CO.
ARTISTS AND ENGRAVERS
TERRE HAUTE, IND.

All Matters Relating to
PATENTS AND TRADEMARKS

HOOD and HAHN

ARTHUR M. HOOD, Rose, '93
H. B. HOOD, Rose, '24

1001 Hume-Mansur Building Indianapolis, Indiana

Snyder's Art Store

Greeting Cards For All Occasions
Pictures, Frames, Kodaks and Supplies
Tallies and Place Cards

21 South Seventh St. Phone C-5577
TERRE HAUTE, IND.

Heinl's Flowers

Popular since 1863

129 So. 7th Street
Terre Haute, Indiana

Doctor Prentice (a nice guy, if I may say it without being suspected of currying favoritism) has become quite frank since even Nickel finally caught on to the engineering trick of labeling guesses as "qualified estimates" and only the other day he mentioned that an effort to plot and derive the equation for the empirical curve for the Halsey bonus system of wages resulted in the decision that Halsey merely scaled a temperature chart and picked his points from it in devising his system.

So when the kind old lady asked the little boy if he knew what happened to little boys who drew pictures on the sidewalk he told her that he knew one such boy that took the Architectural Course at Rose Tech and became a Civil Engineer. (Just another one from my files, adapted for the local trade.)

Phil Brown's nerves have been on edge ever since we began putting in the curbing around the track. At any time some fellow may think of it and start a fad of putting initials in the fresh concrete.

Watch for the big scene in the electrical laboratory the next time you see the movie which was made on the campus and get a load of Archer's demonstration of the accepted method of getting an "A" in electricity. Incidentally Mr. Moench does some nice emoting and gesture work in this scene as he proudly motions Archer away with his trivial concerns.

SENIORS

Keep in touch with Your School after graduation

by reading

The Rose Technic

PUBLISHED MONTHLY FROM OCTOBER TO MAY

Subscription payable with your Alumni Dues

Will You Be Ready

Industry is awakening. Already it is demanding technically trained men, men with engineering educations. Will you be called? Will you be ready?

Since 1874 Rose Polytechnic Institute has trained men for Industrial leadership. Well planned courses in Civil, Chemical, Electrical and Mechanical Engineering are offered. For complete information, write to the registrar.

ROSE POLYTECHNIC INSTITUTE

TERRE HAUTE, INDIANA

1934

MODULUS

FINIS